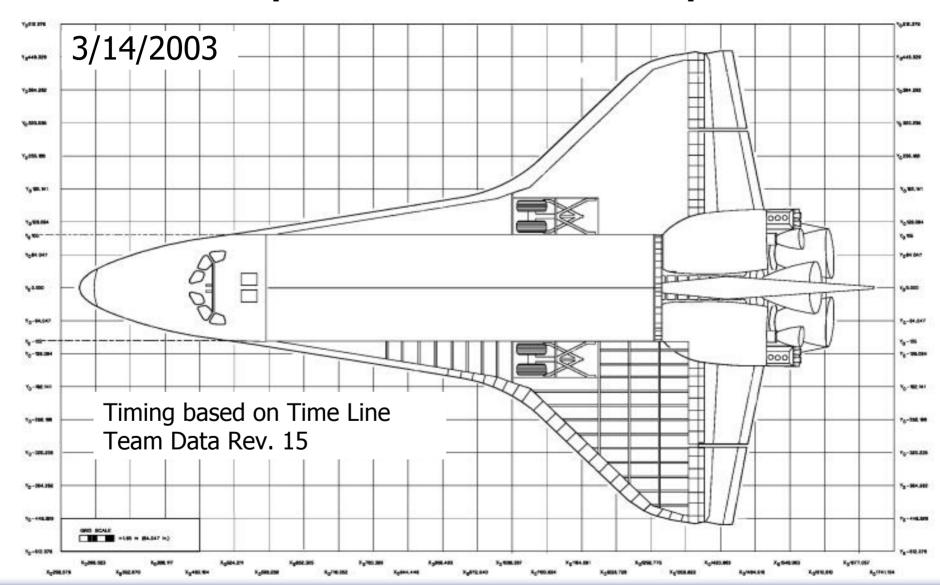


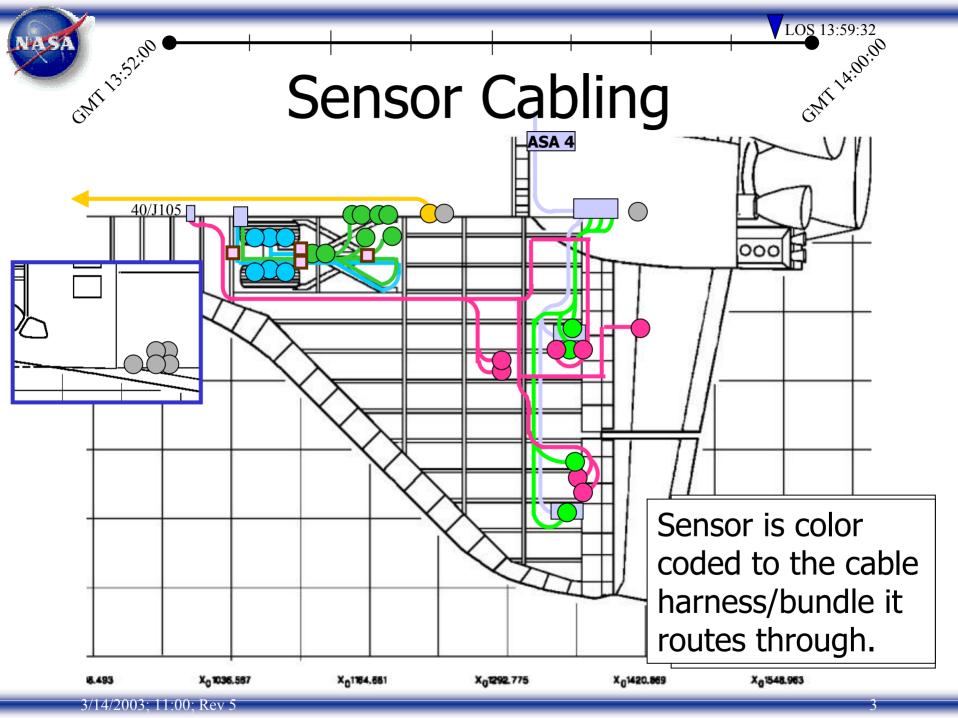
2D Graphical Event Sequence

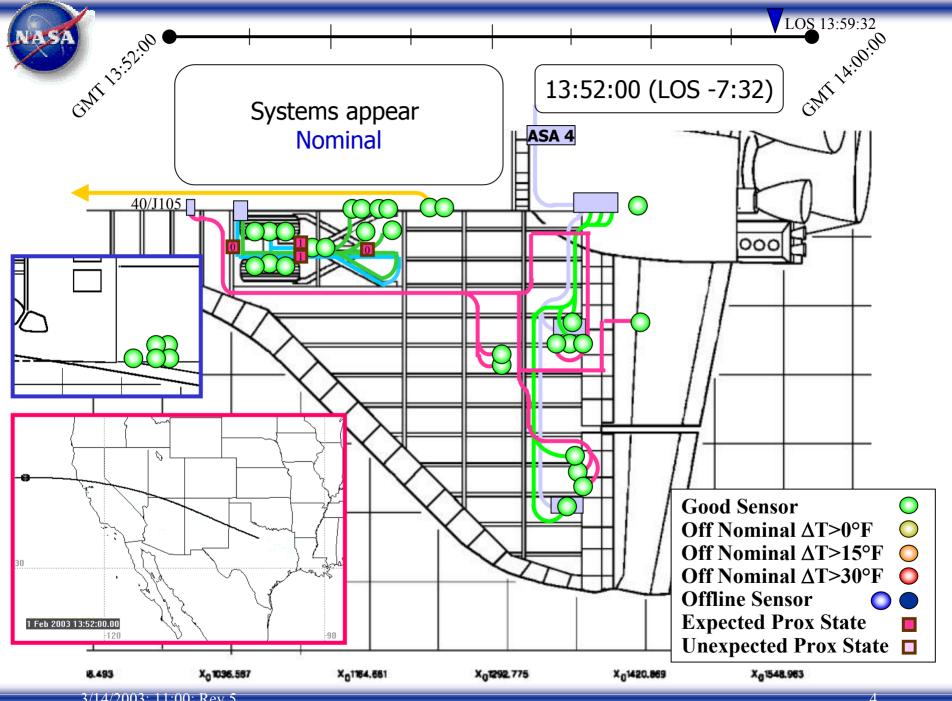


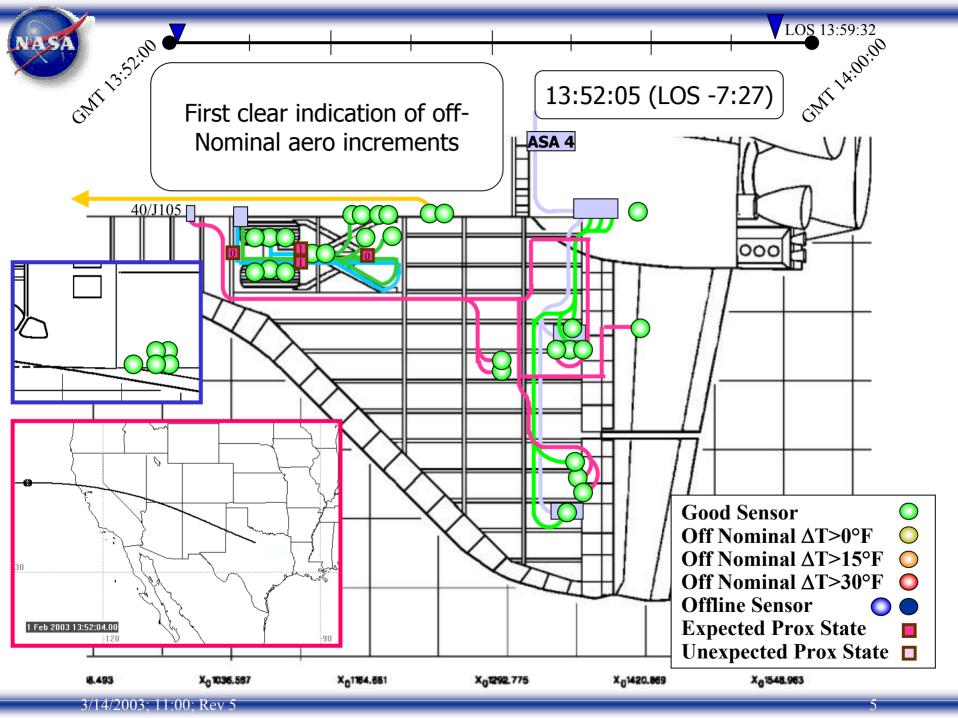


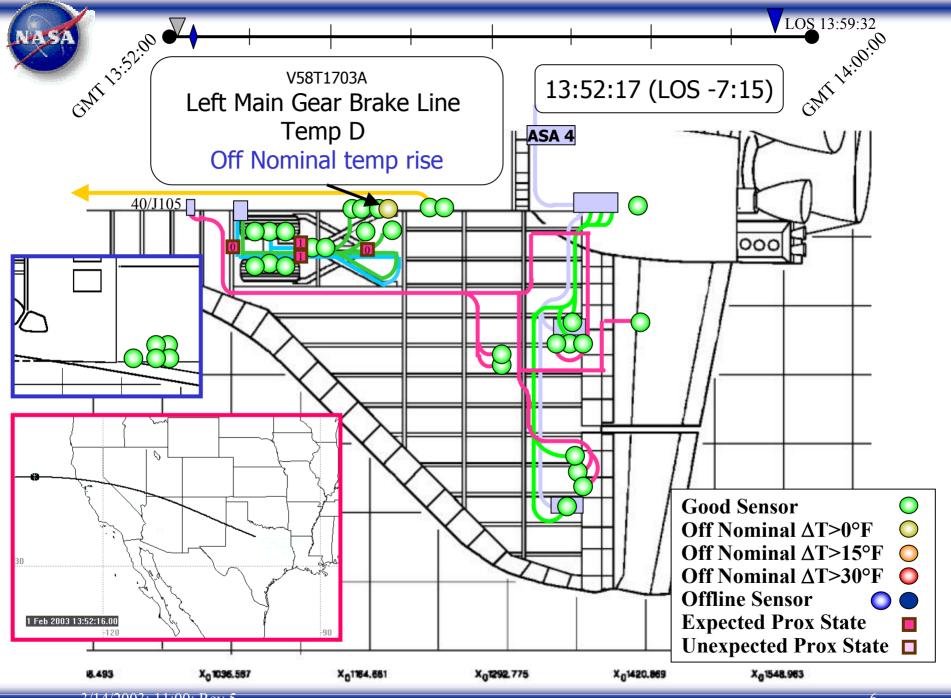
Introduction

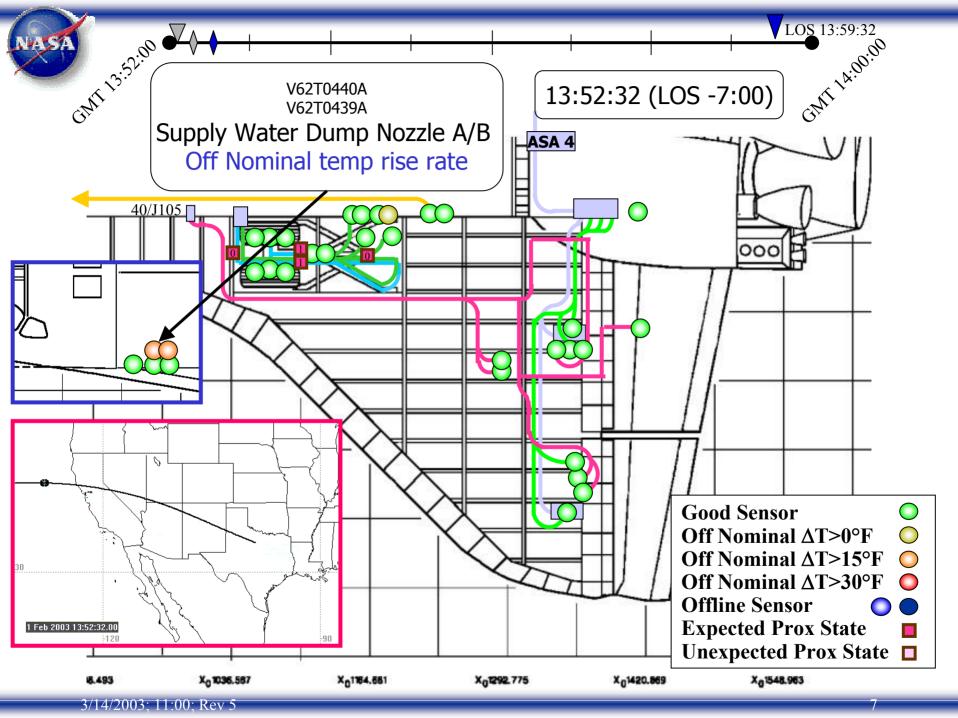
- The graphical event sequence is a visual time history of relevant sensor information in the left wing and wheel well areas
 - Covers approximately 8 minute timeframe, from first anomalous sensor reading through last available telemetry
 - Documents known anomalous sensor responses per the latest revision of events timeline from OVEWG Data Review and Timeline team
- Information contained in the graphical event sequence include :
 - Sensor location on orbiter and its associated wire bundle in X-Y plane
 - Wire bundle routing
 - Description of each anomalous sensor event
 - Time annotation by (a) GMT, (b) time relative to LOS, (c) time history bar, and (d) ground track
 - Graphical display of temperature rise (based on delta temperature from point it is determined to be anomalous)

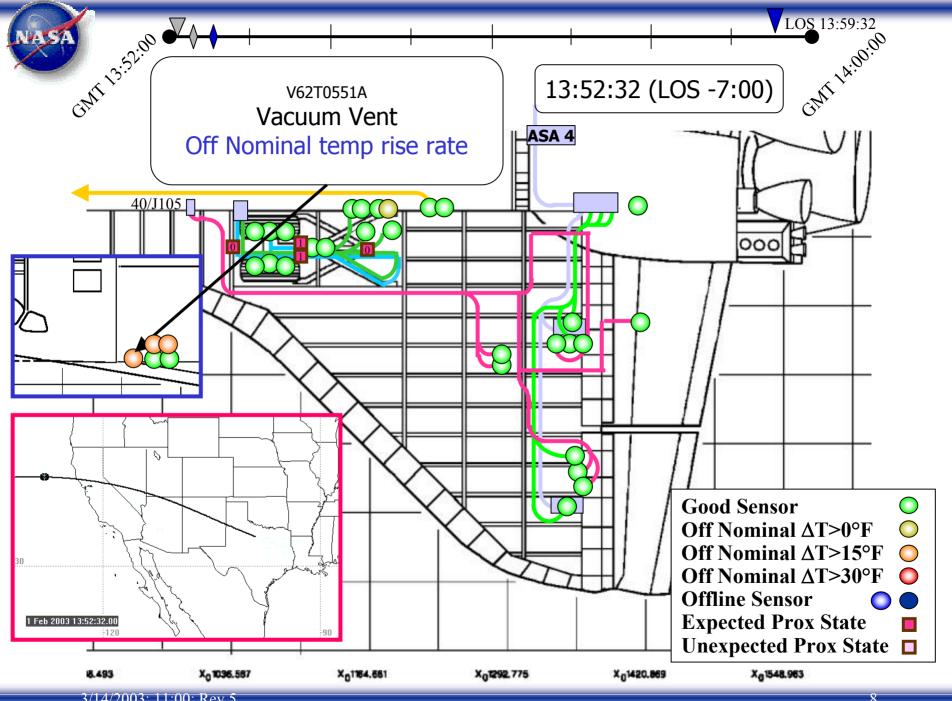


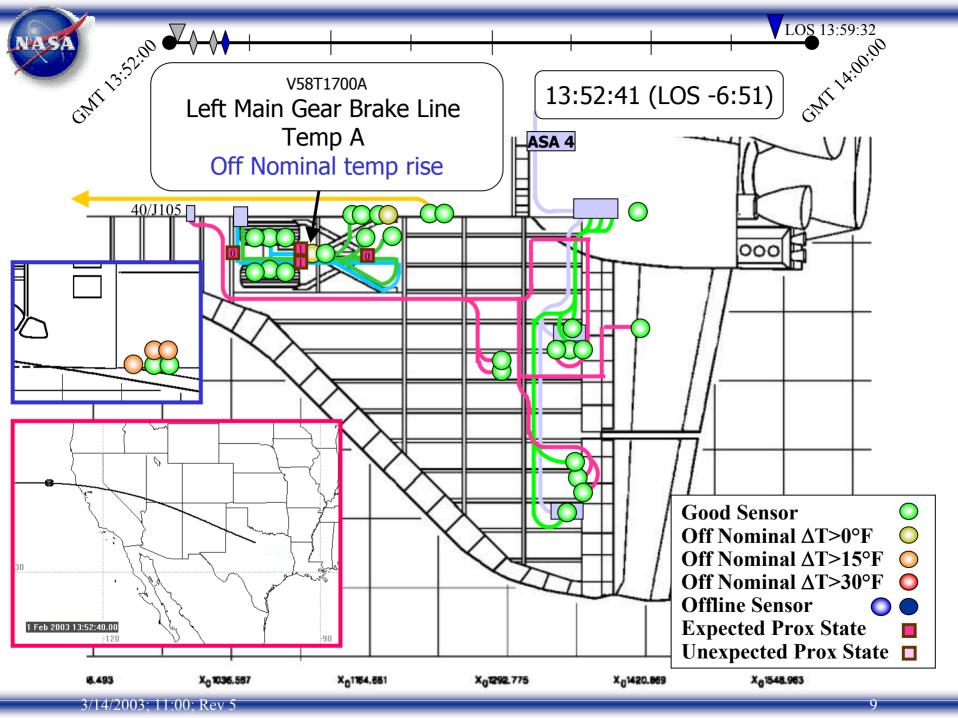


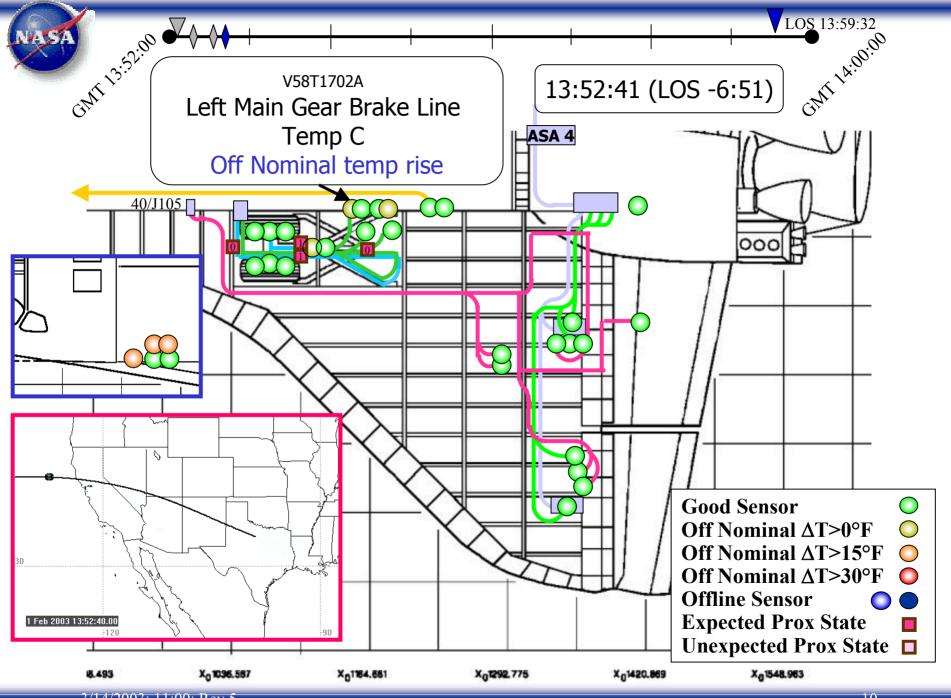


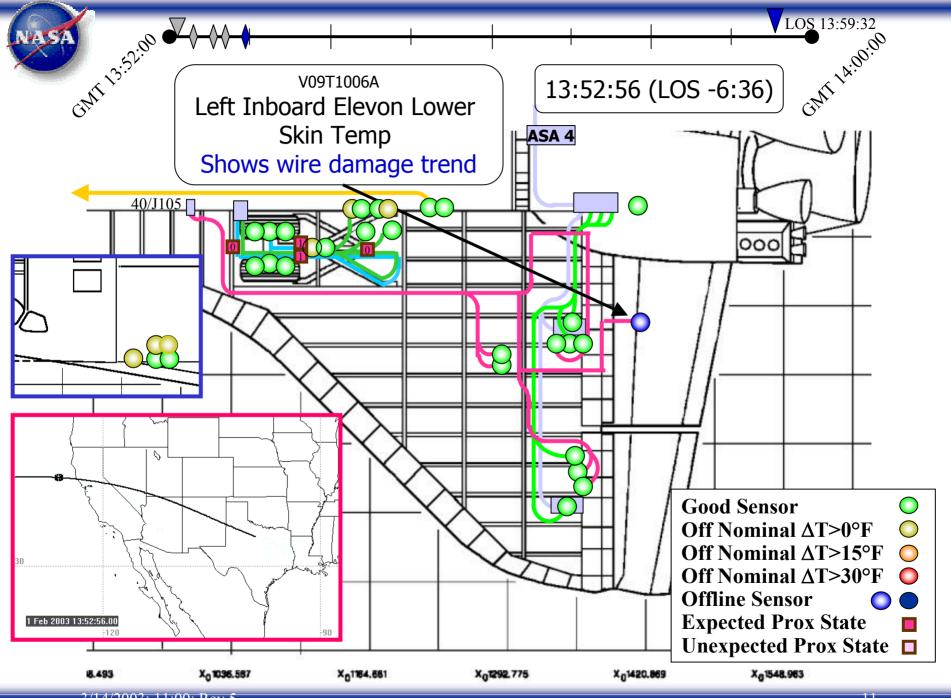


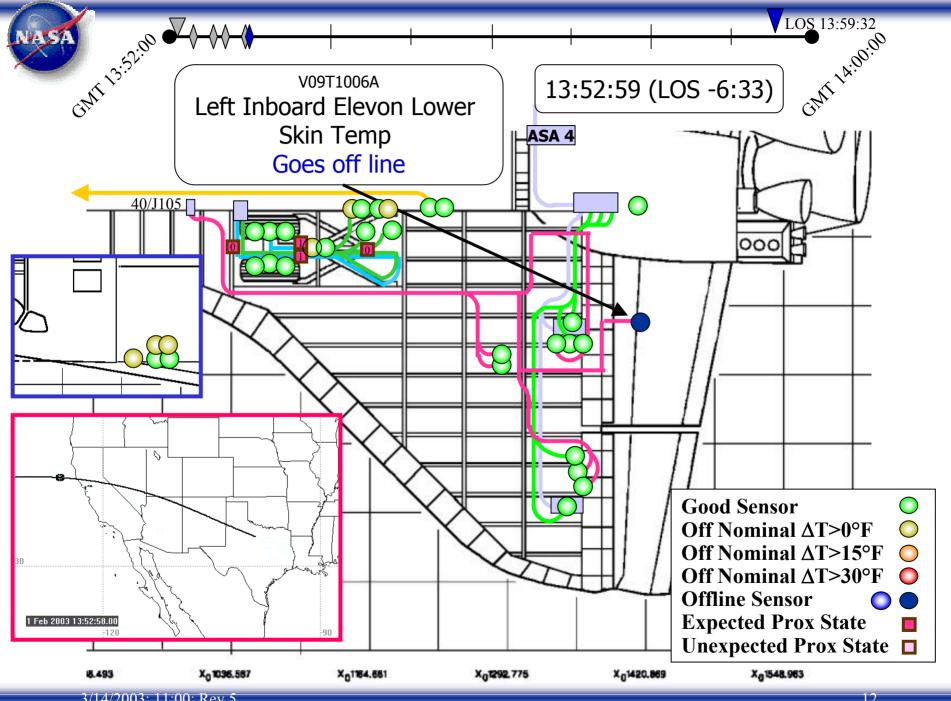


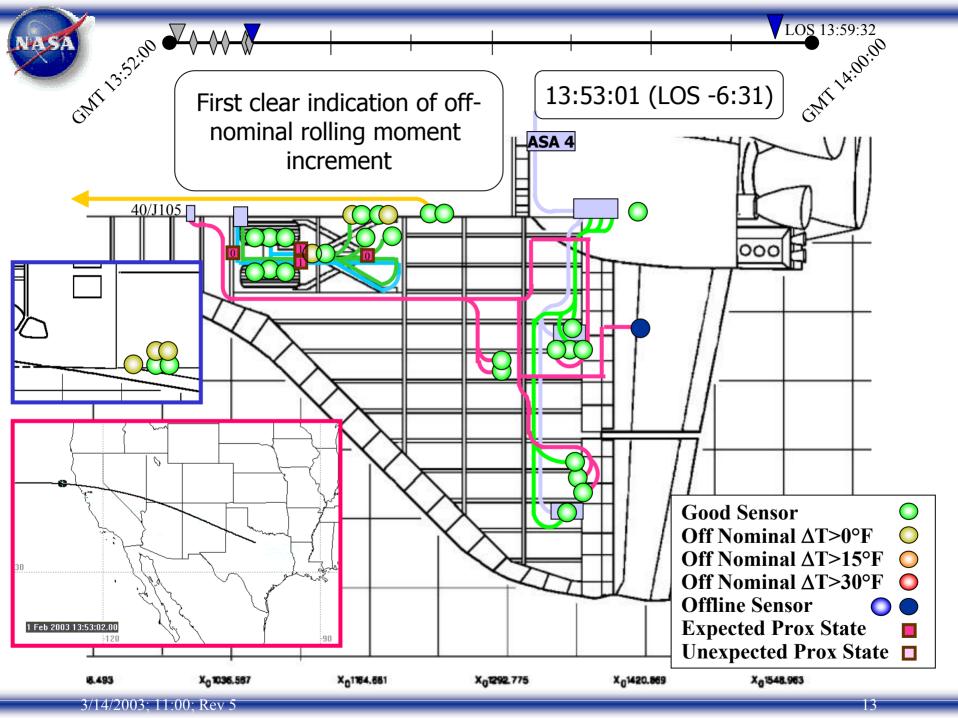


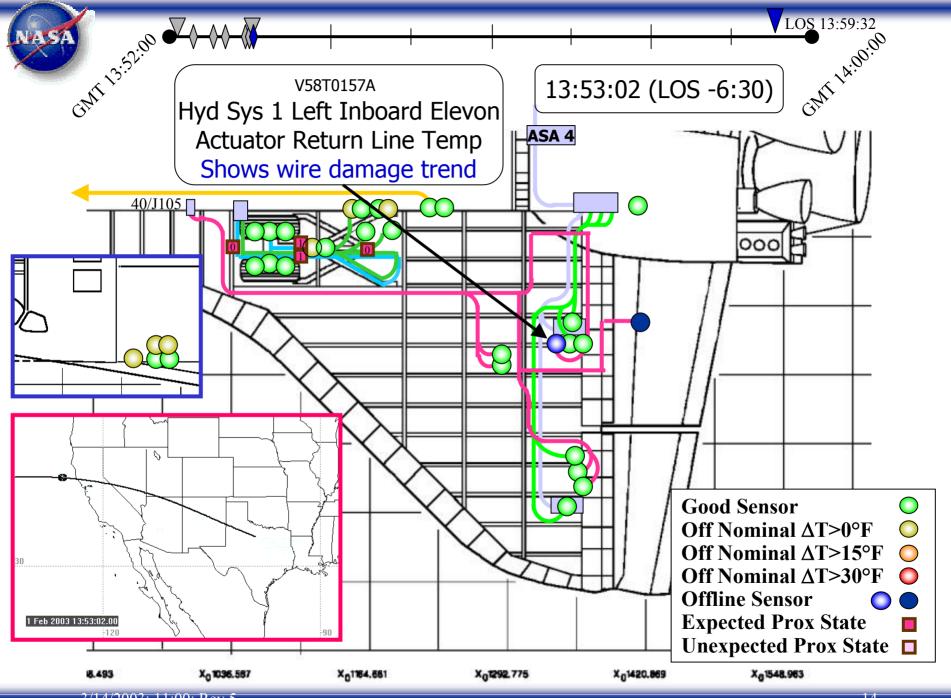


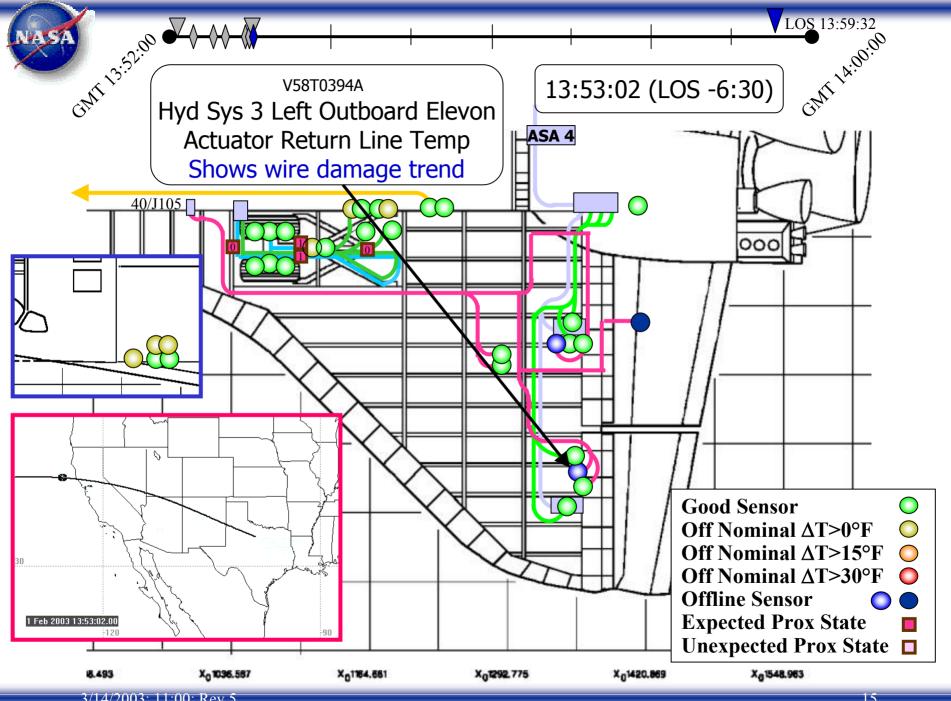


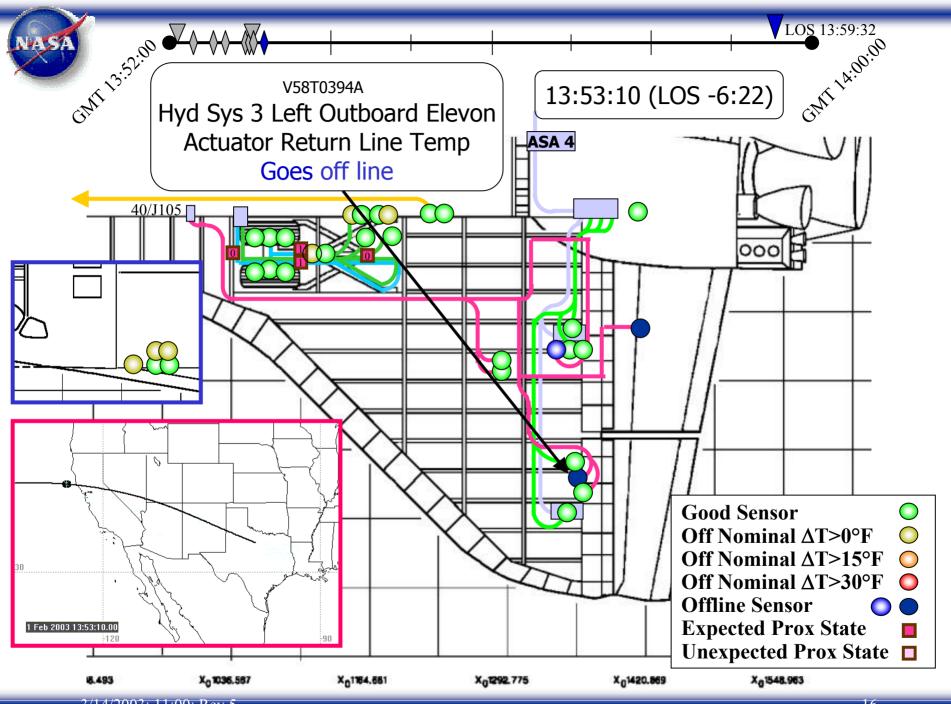


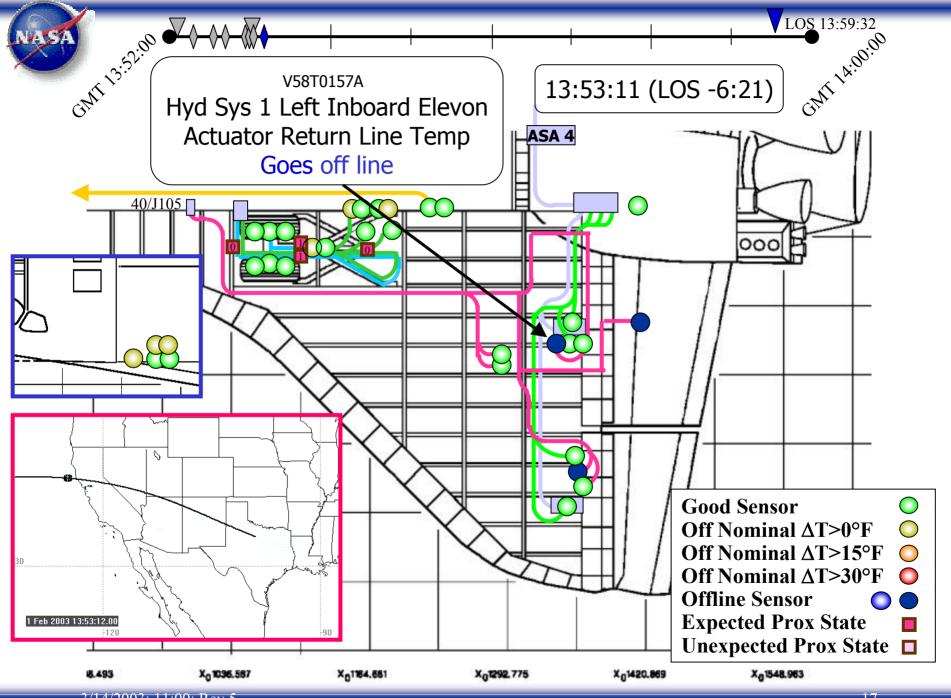


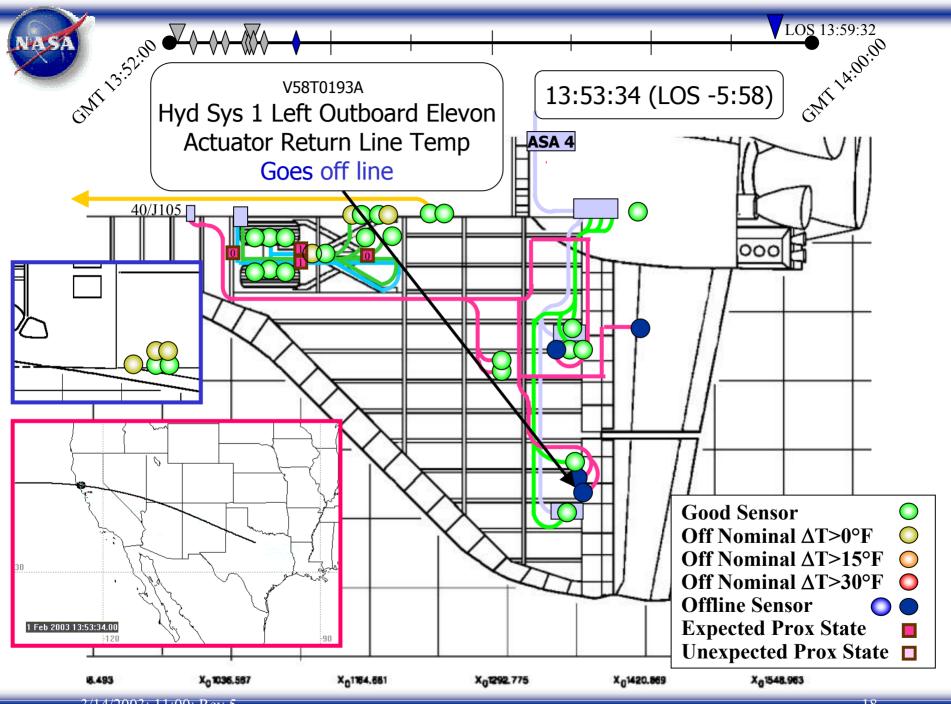


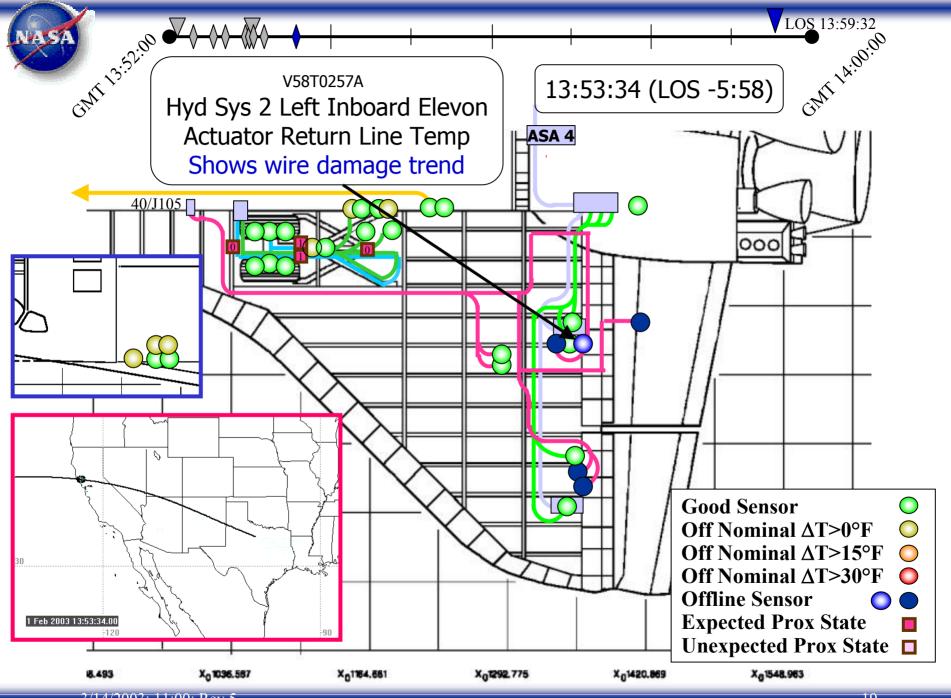


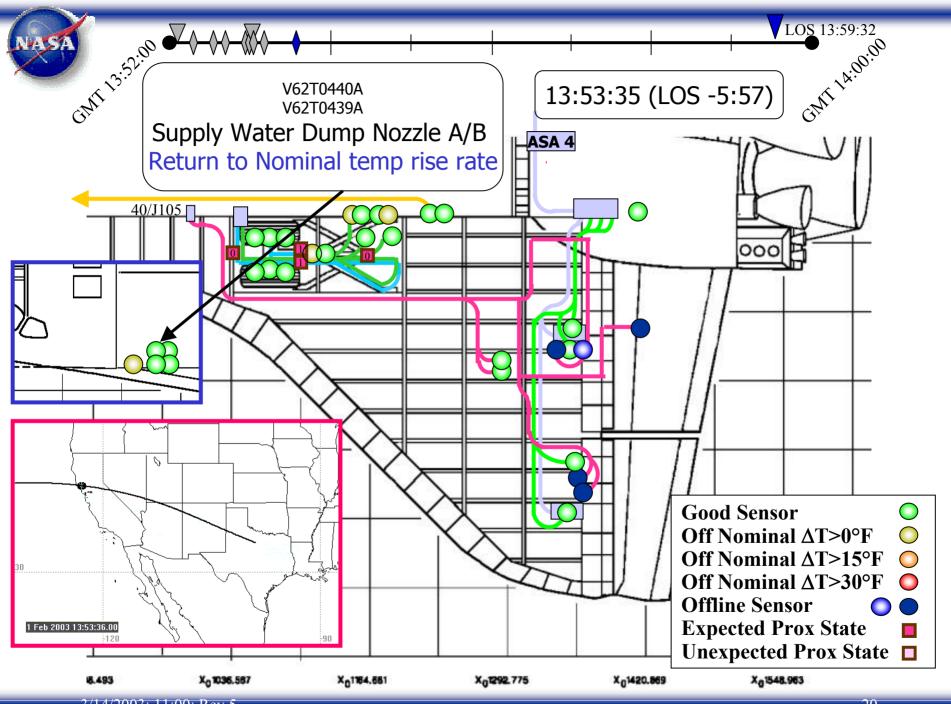


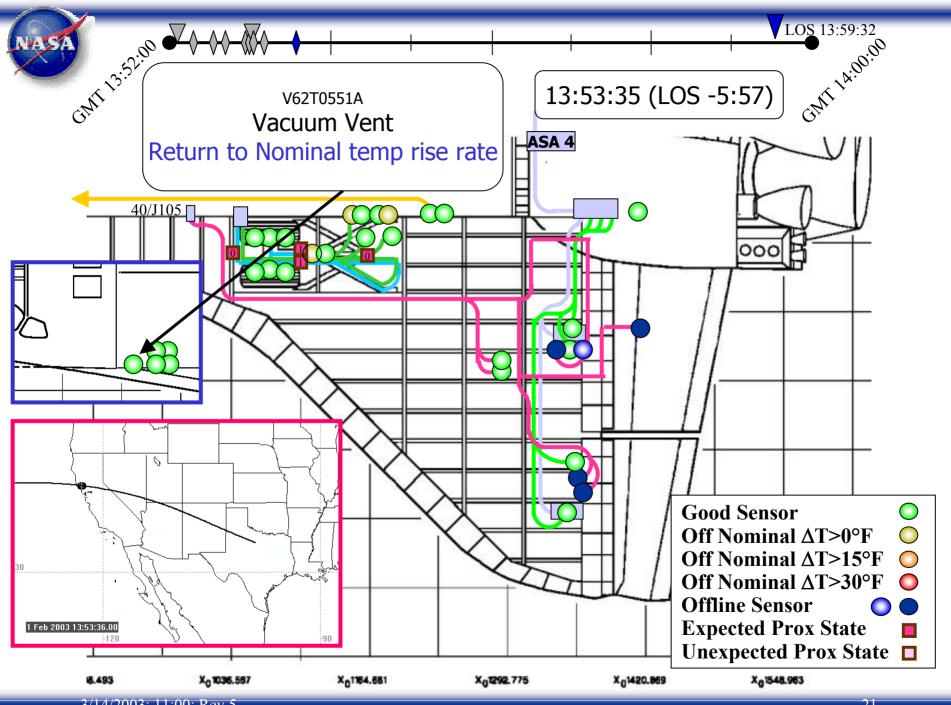


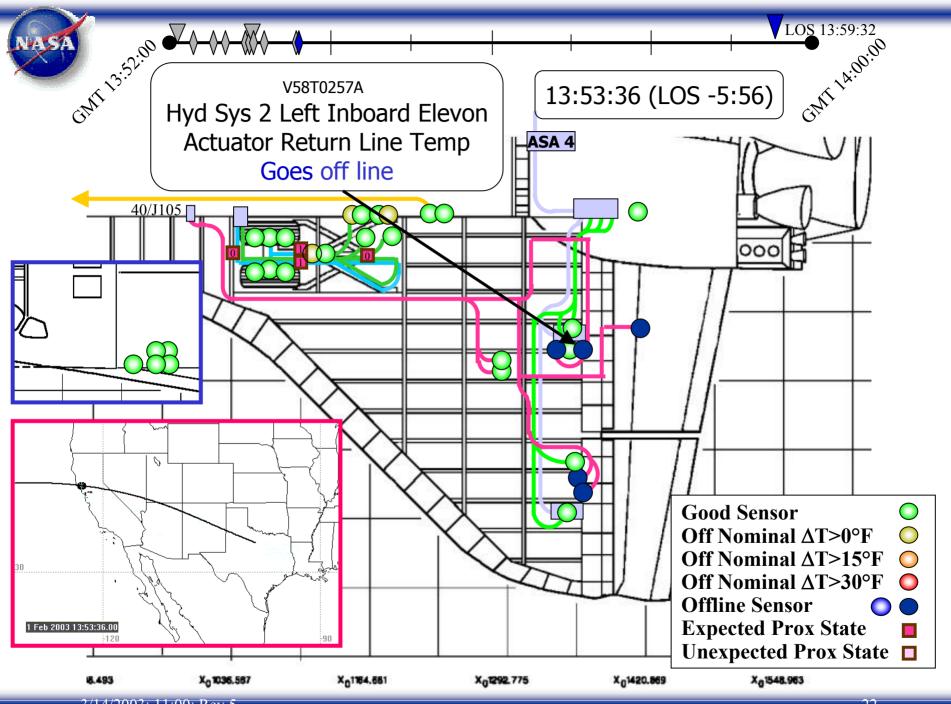


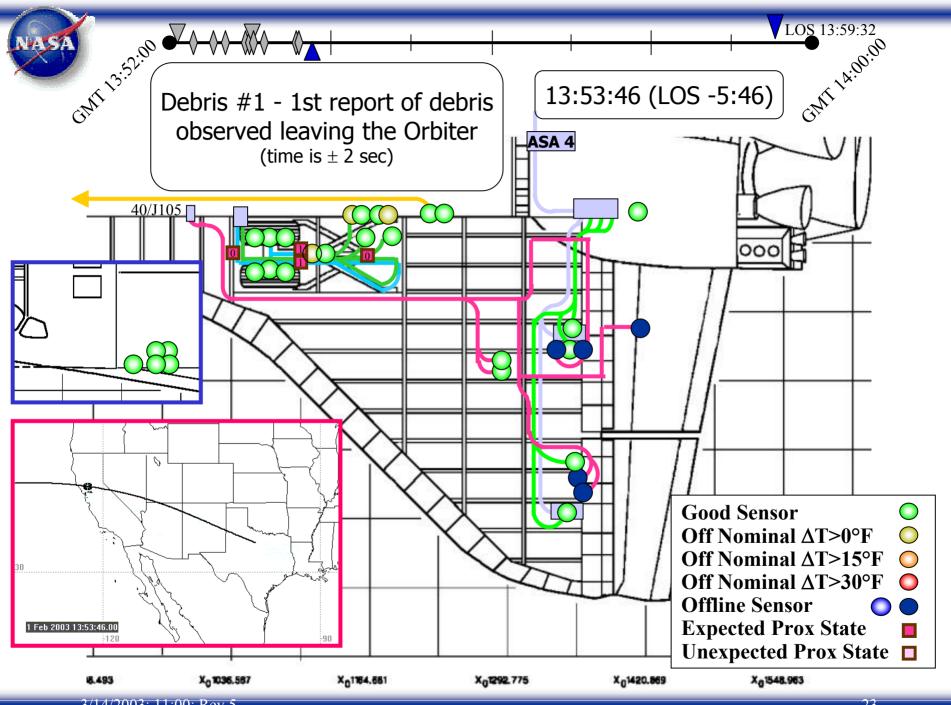


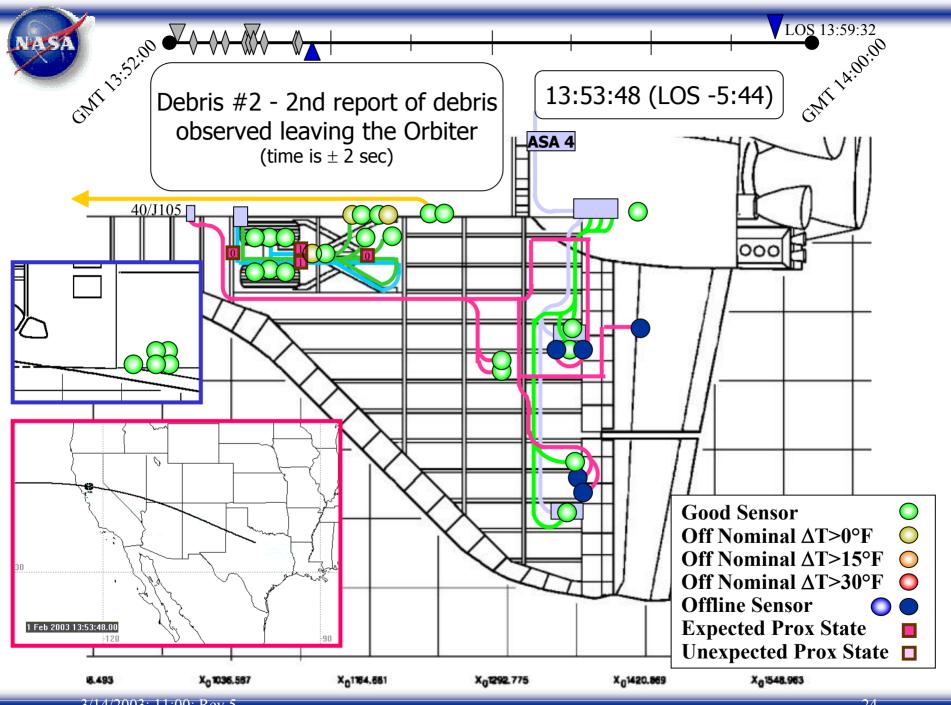


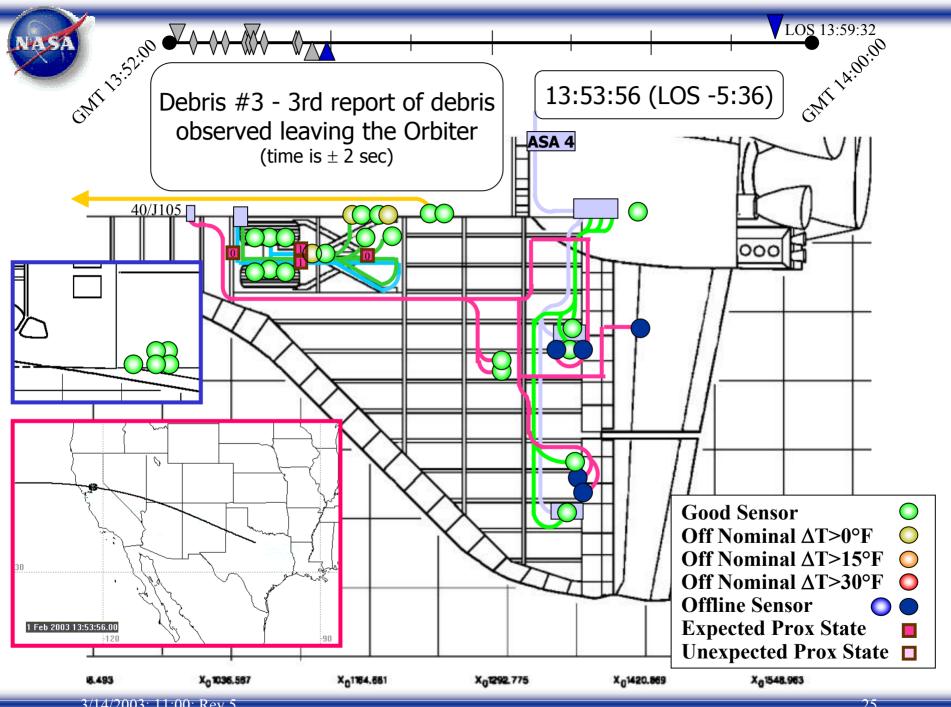


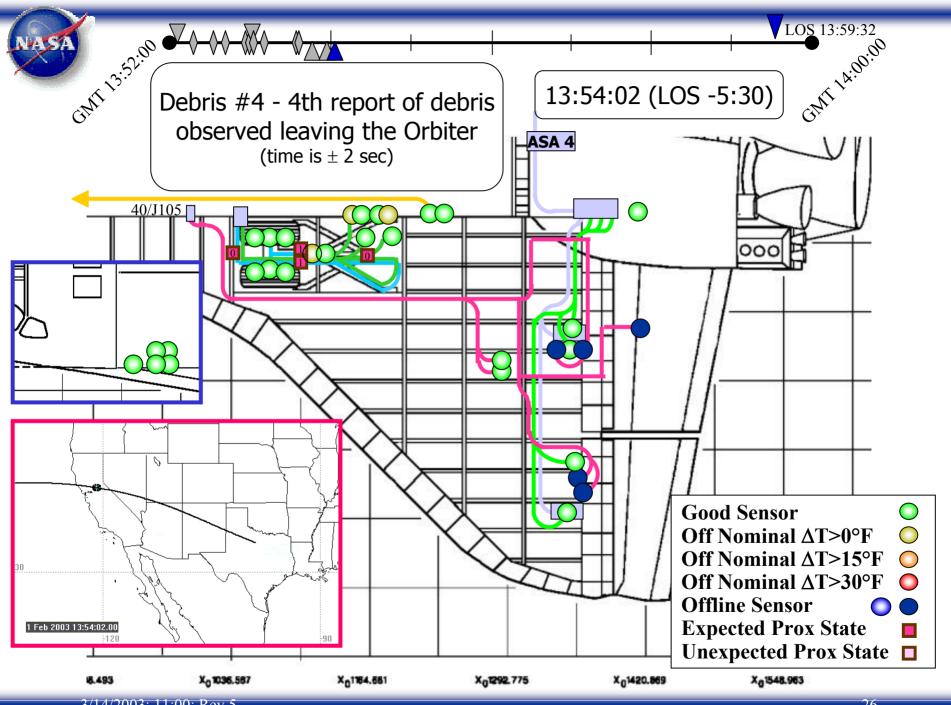


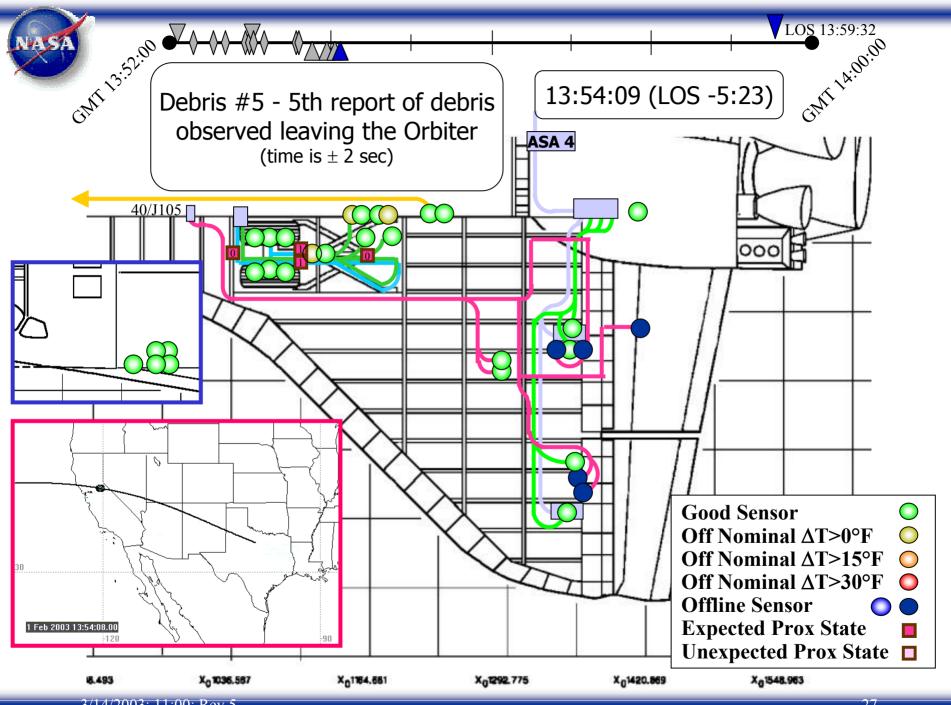


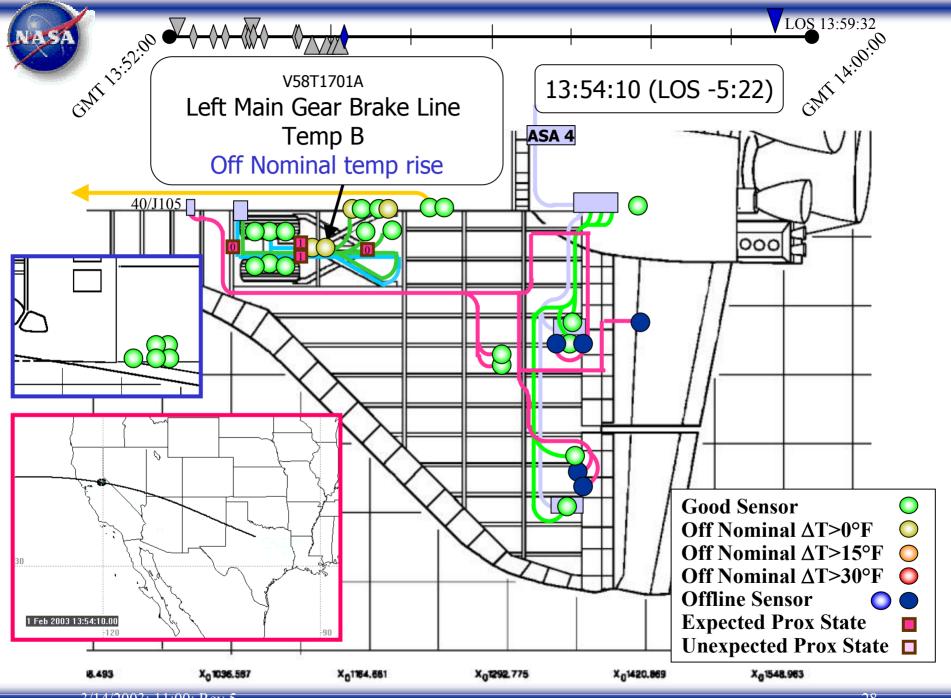


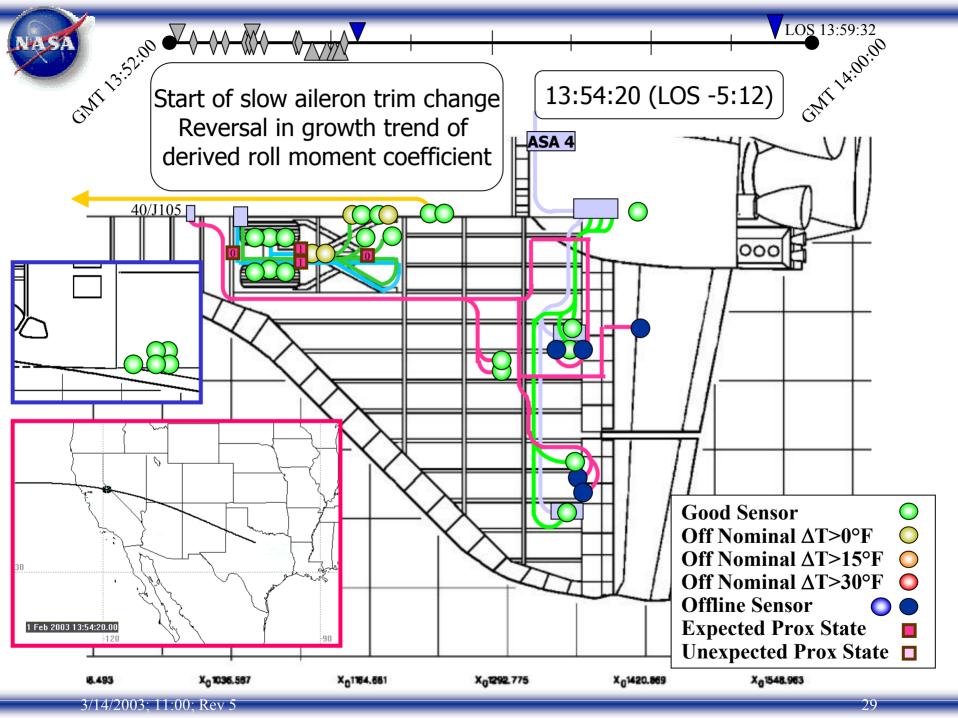


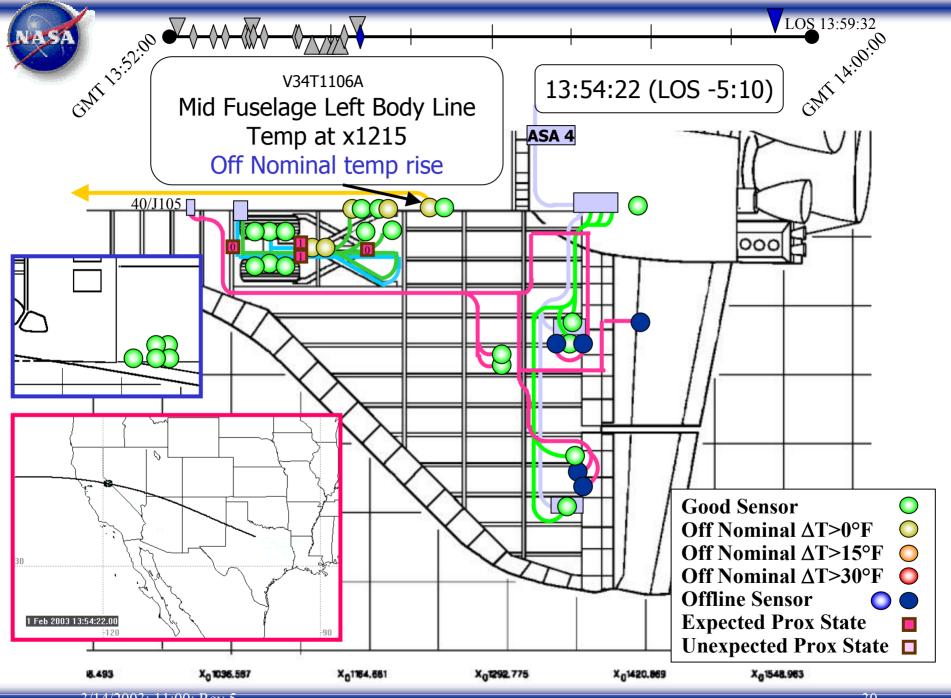


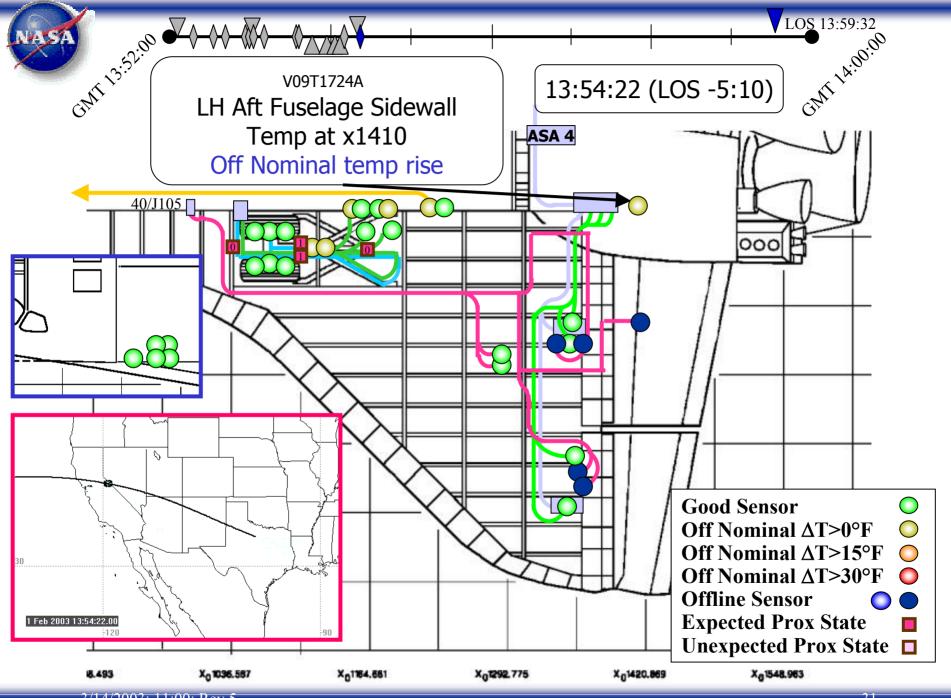


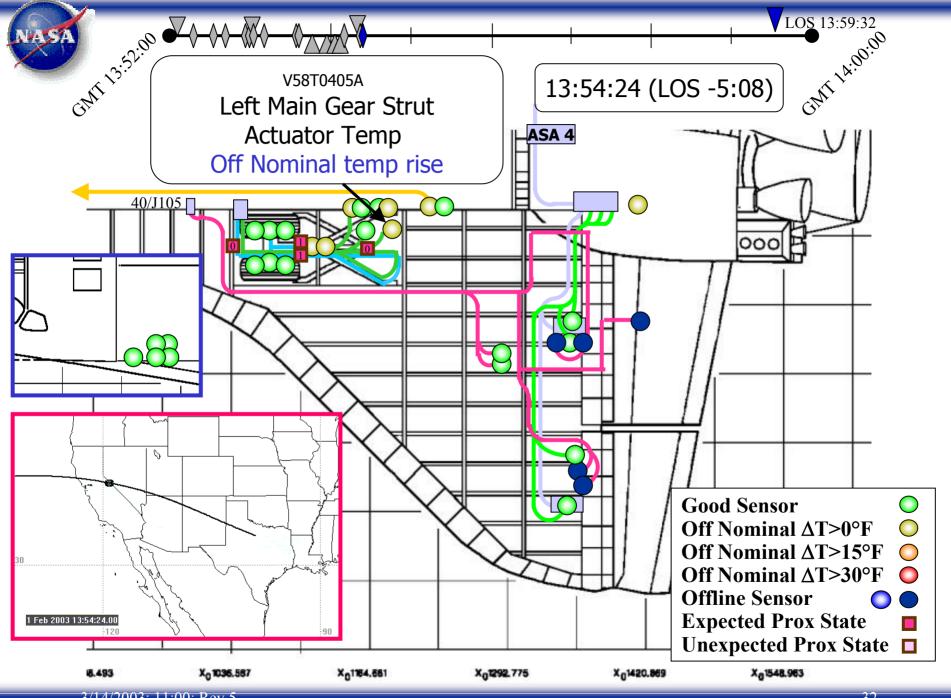


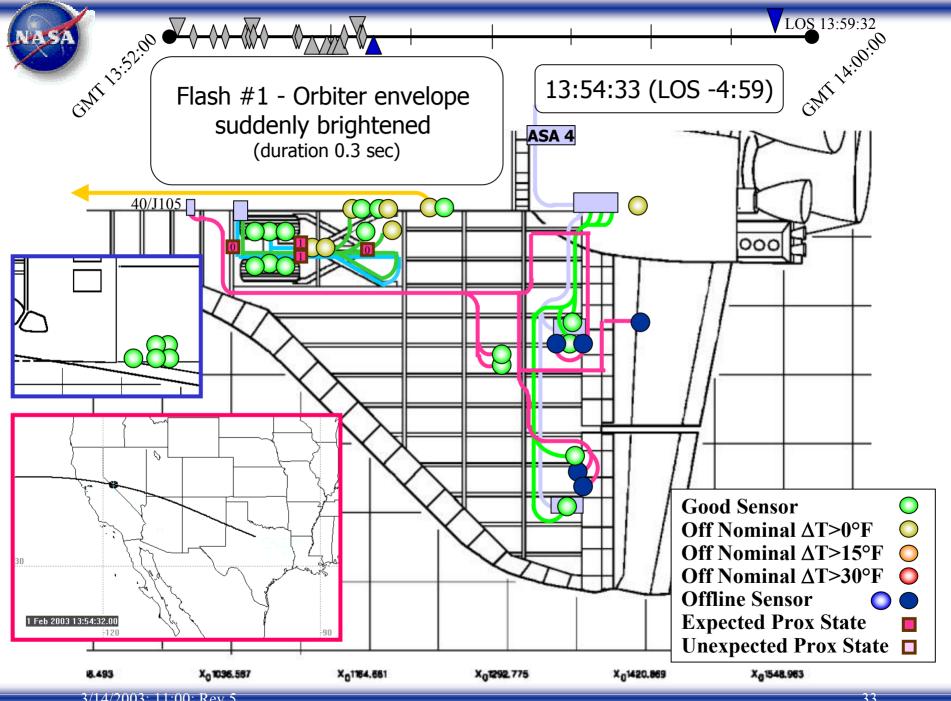


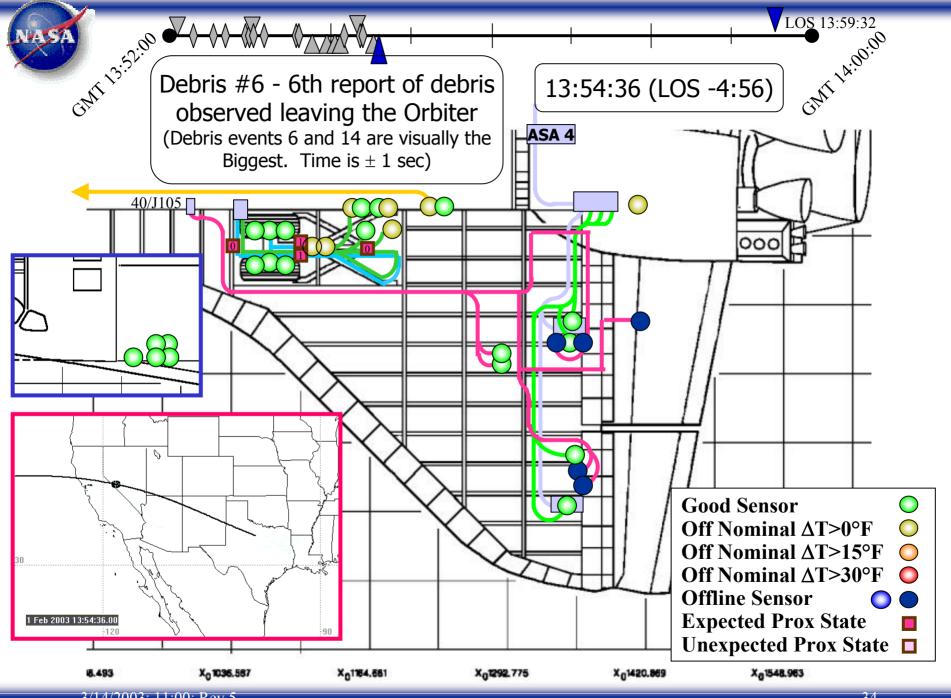


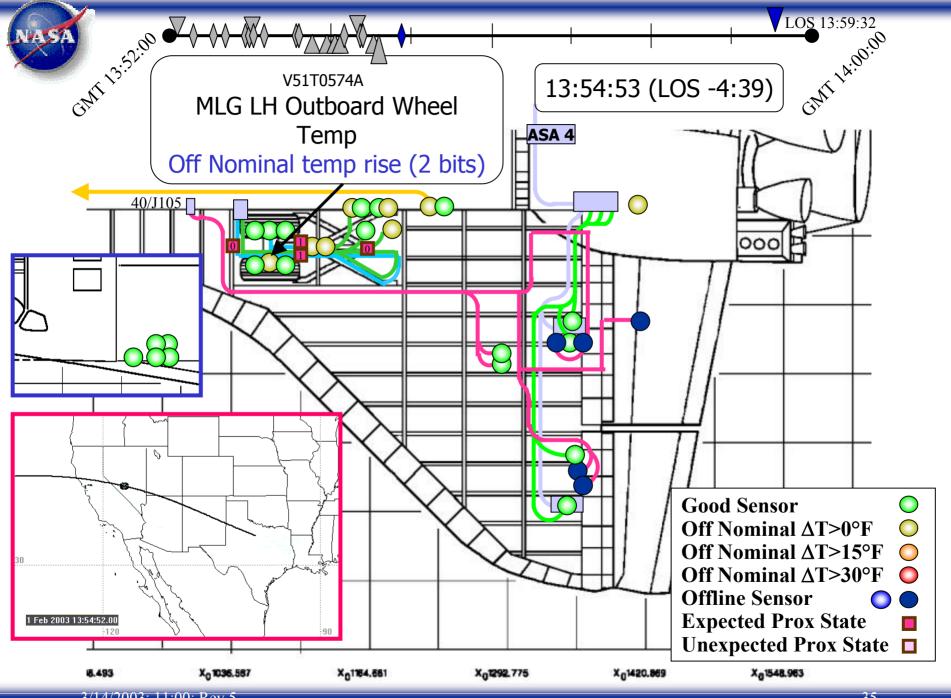


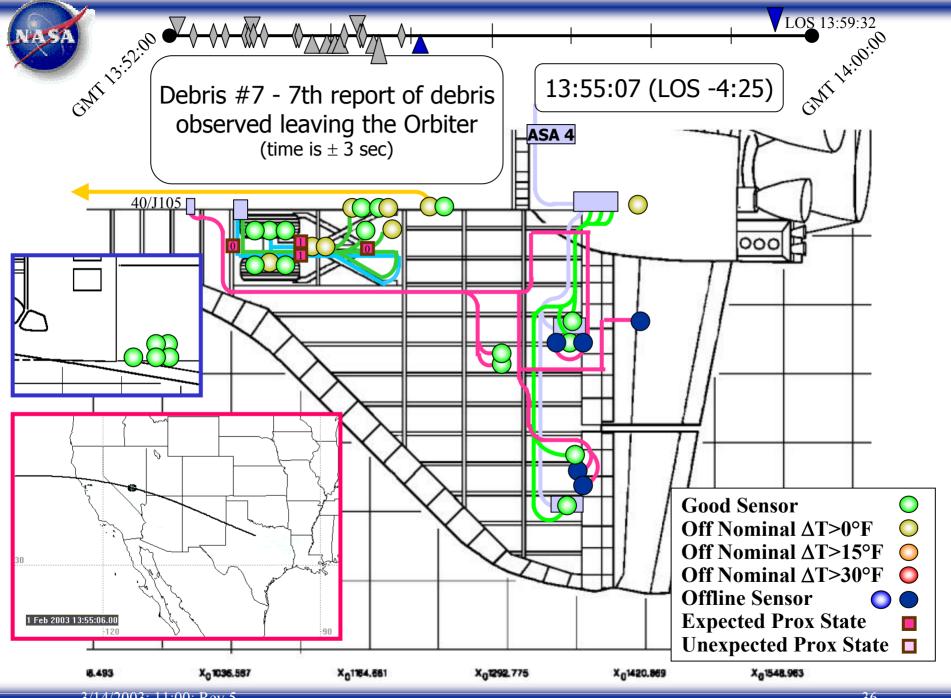


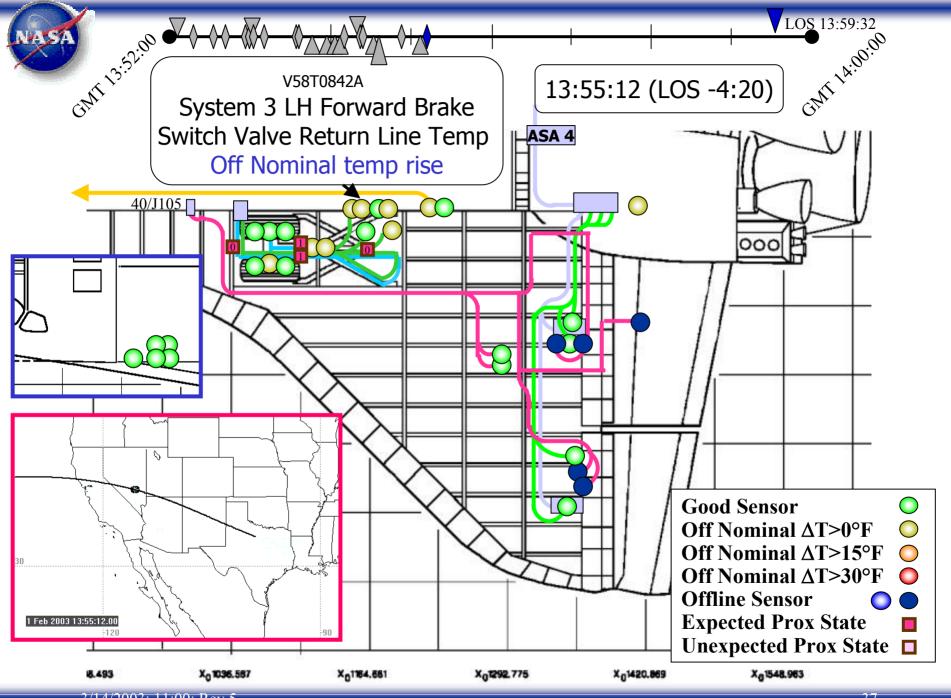


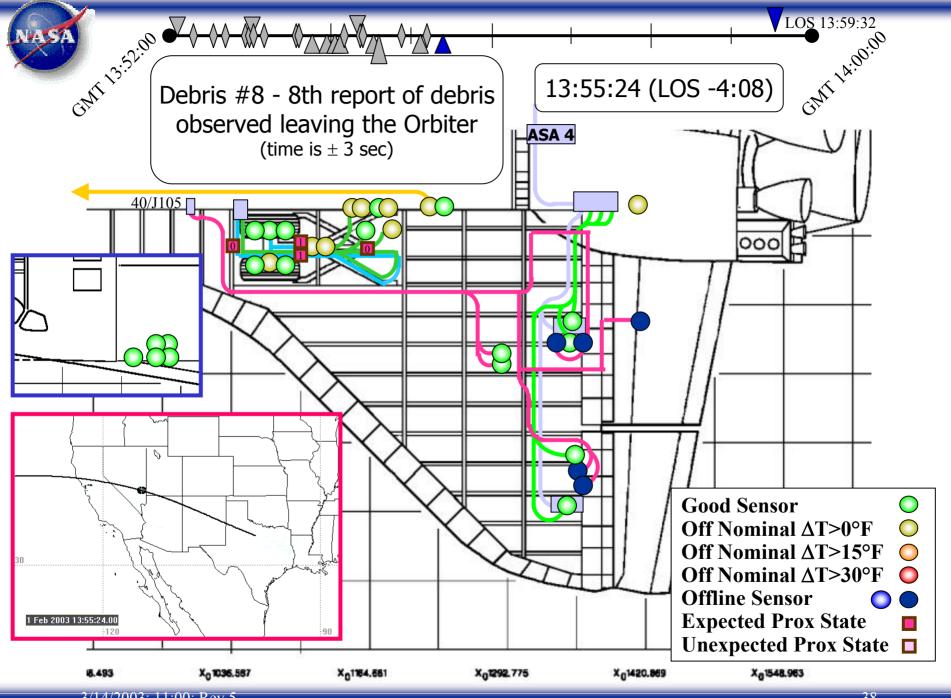


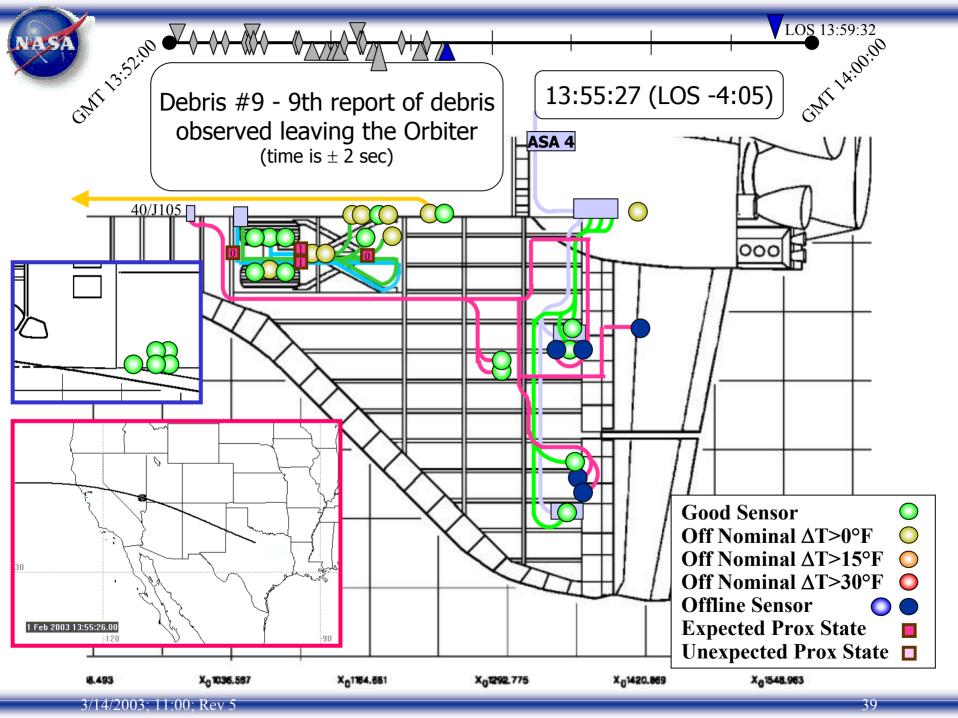


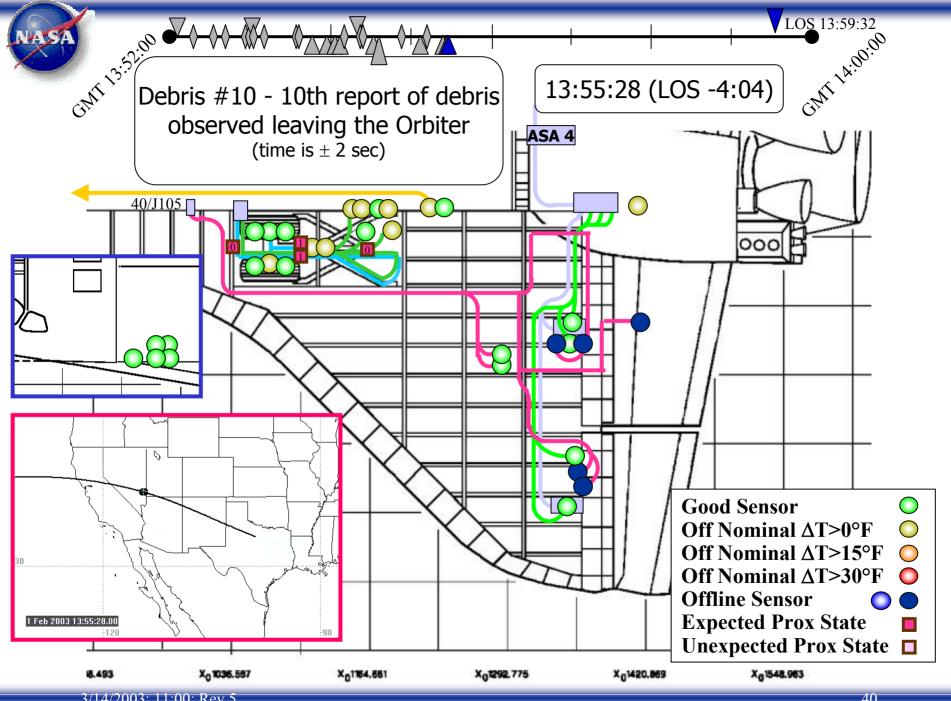


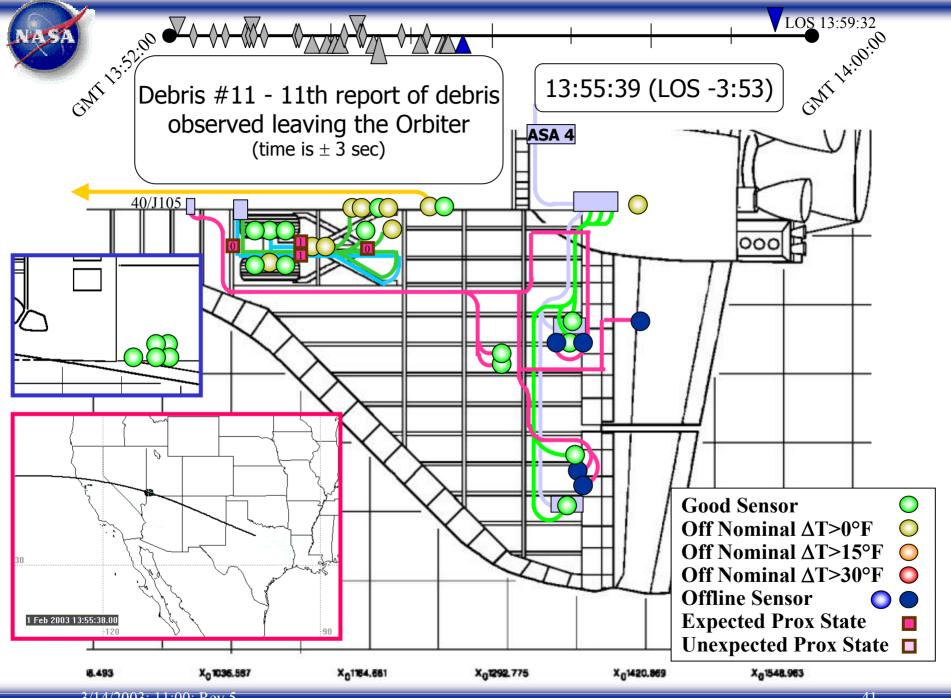


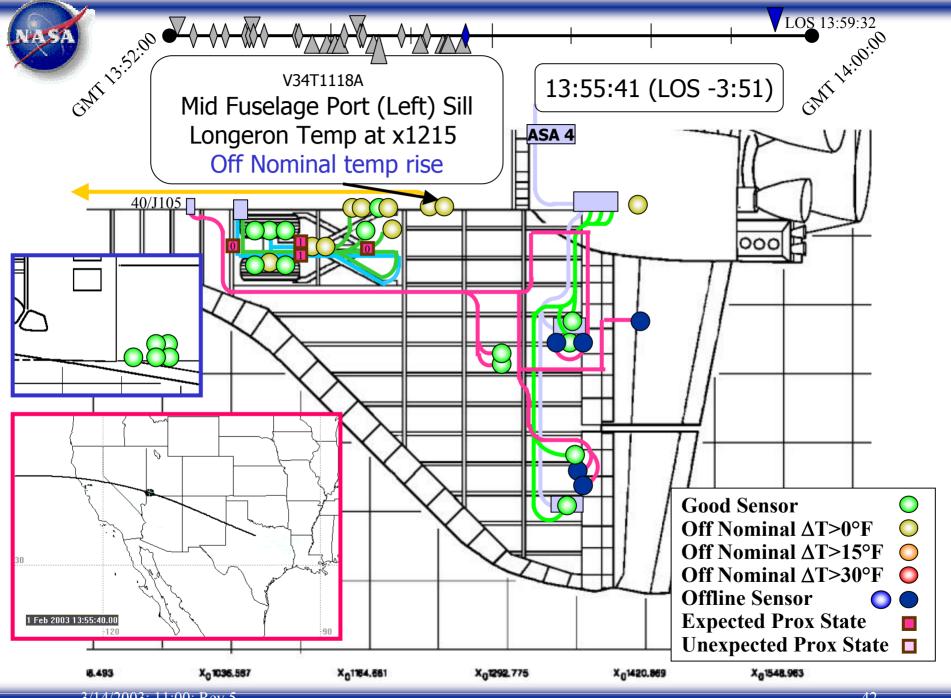


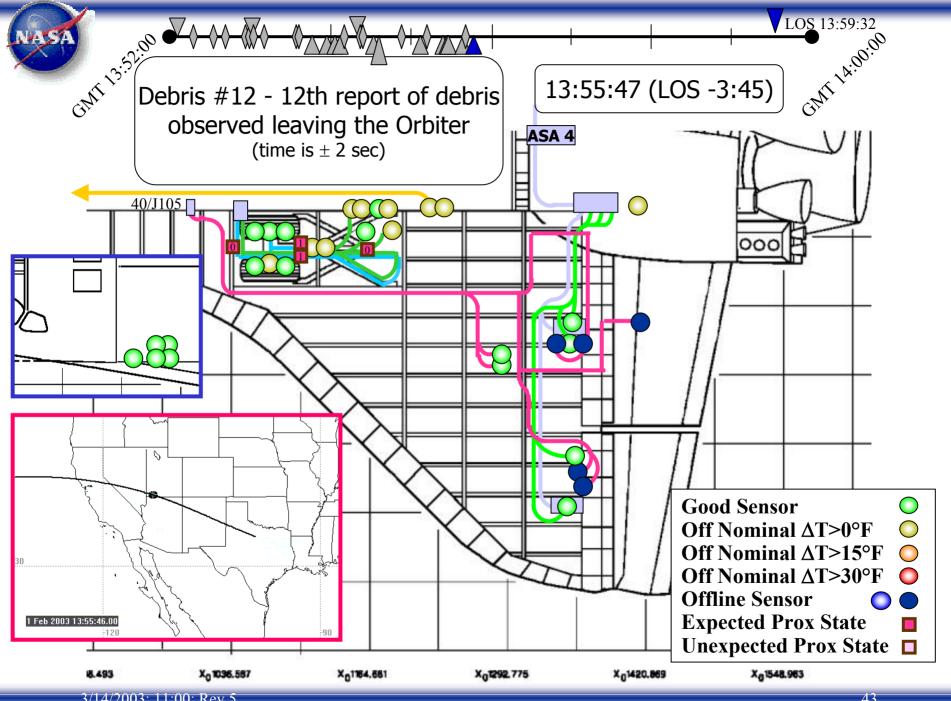


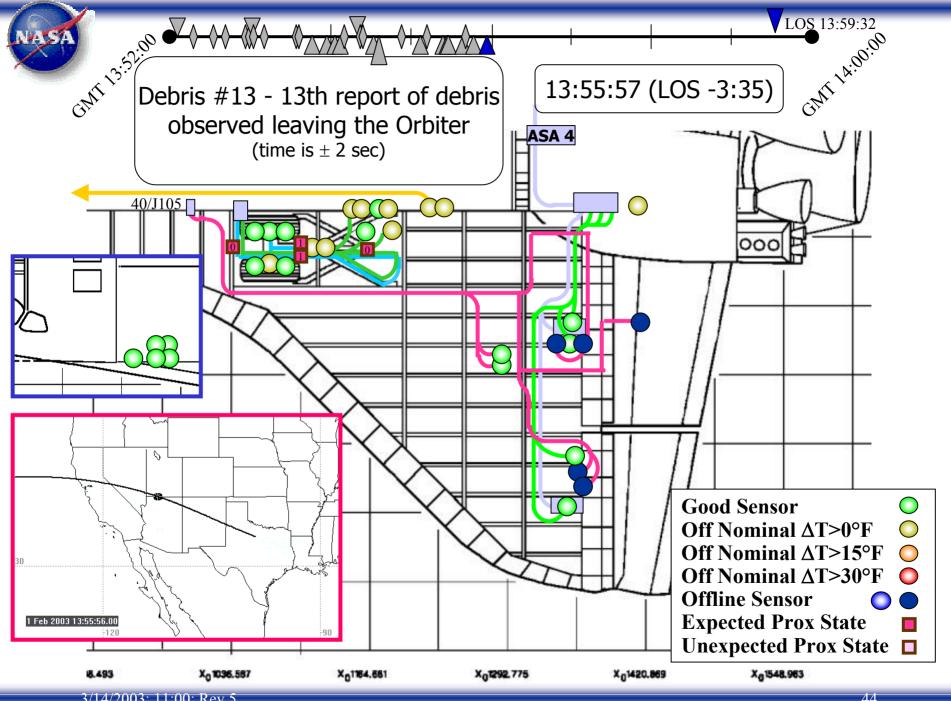


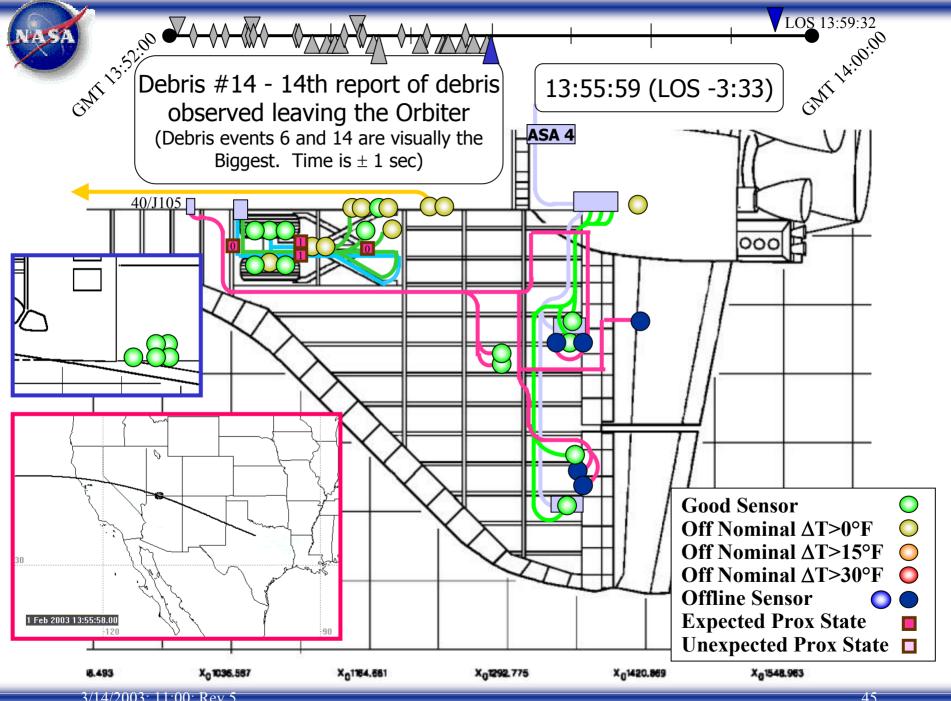


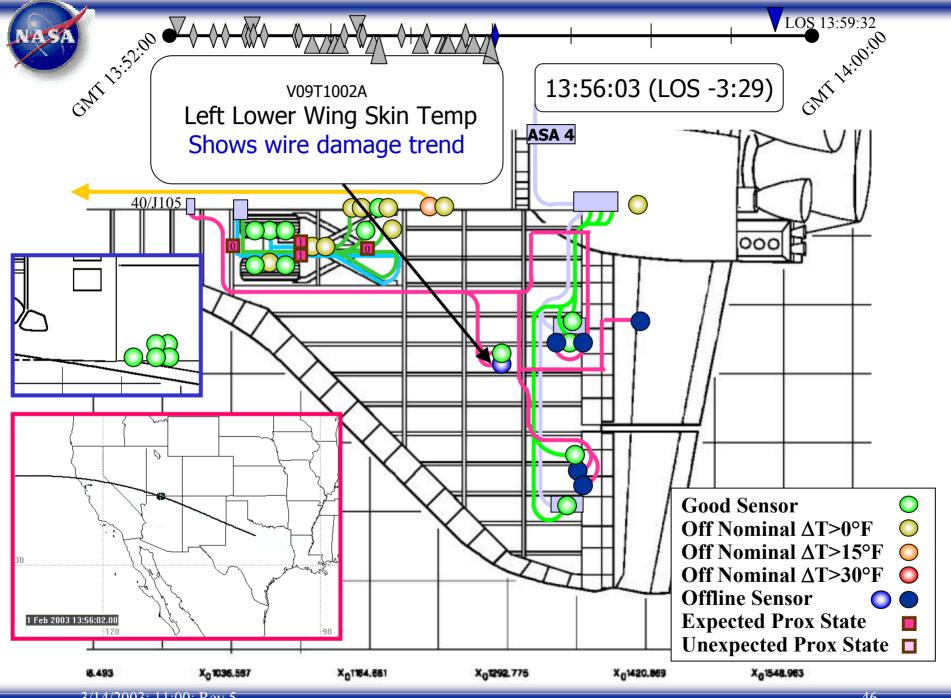


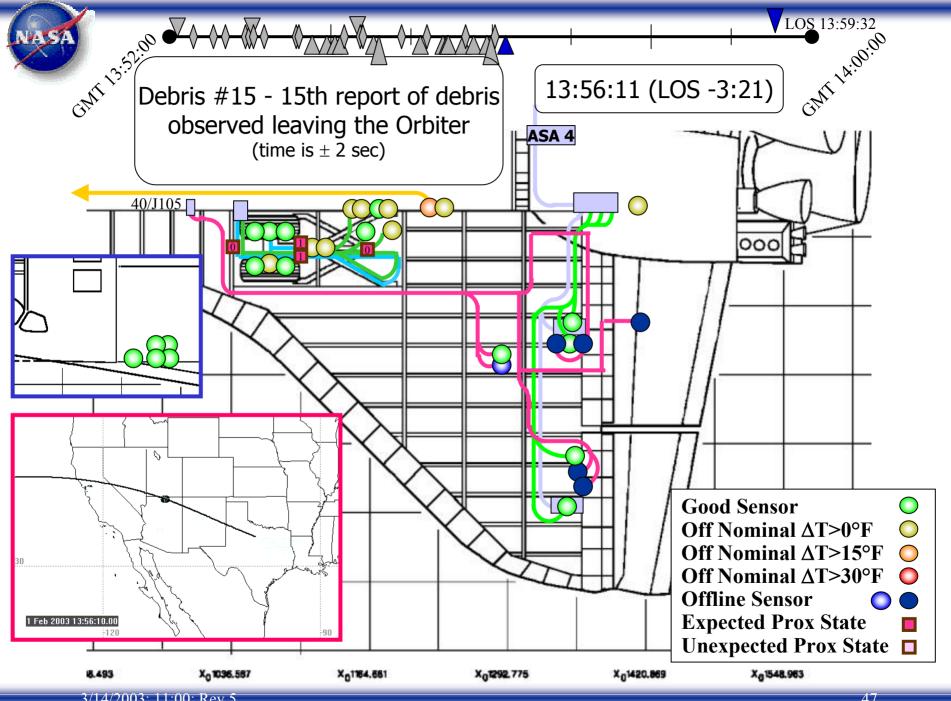


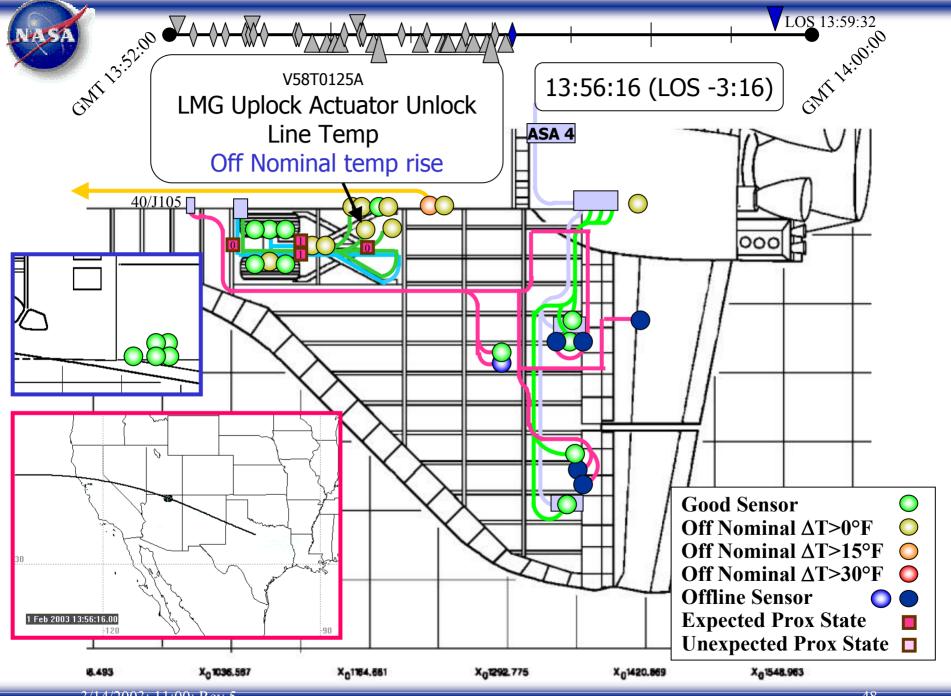


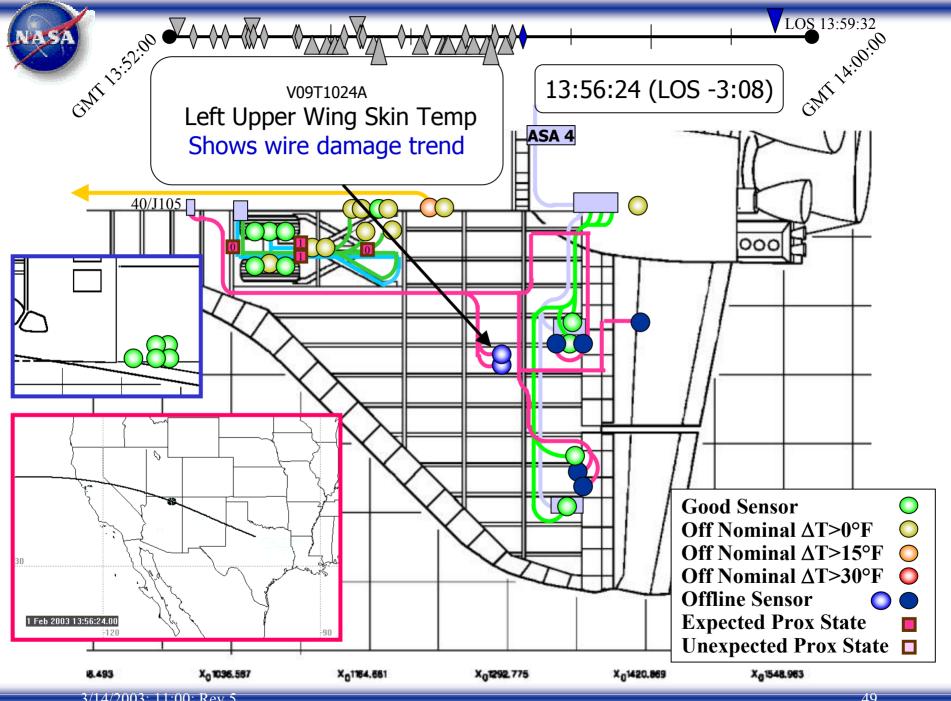


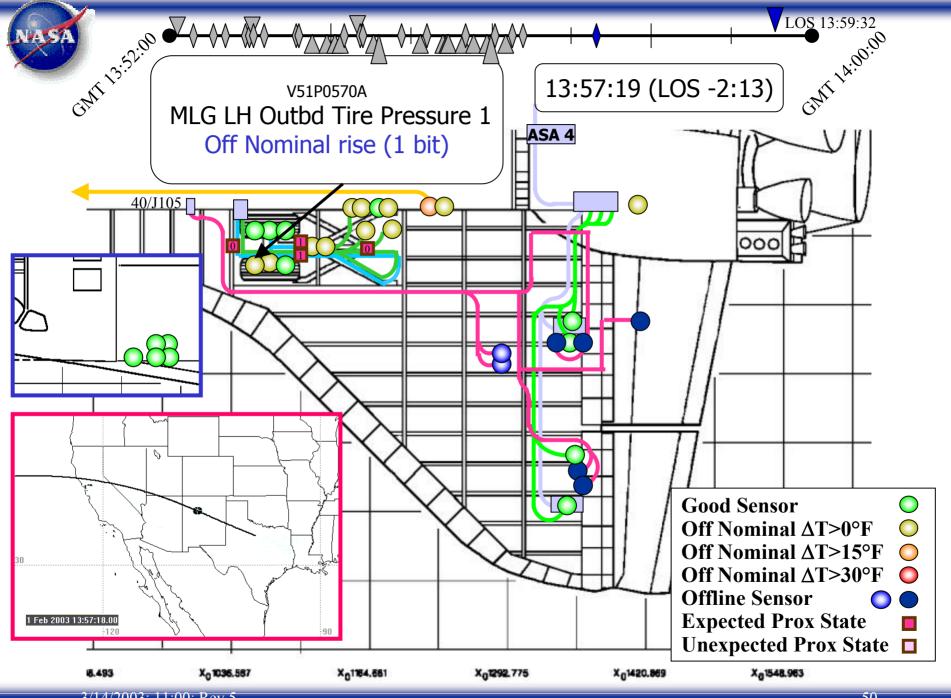


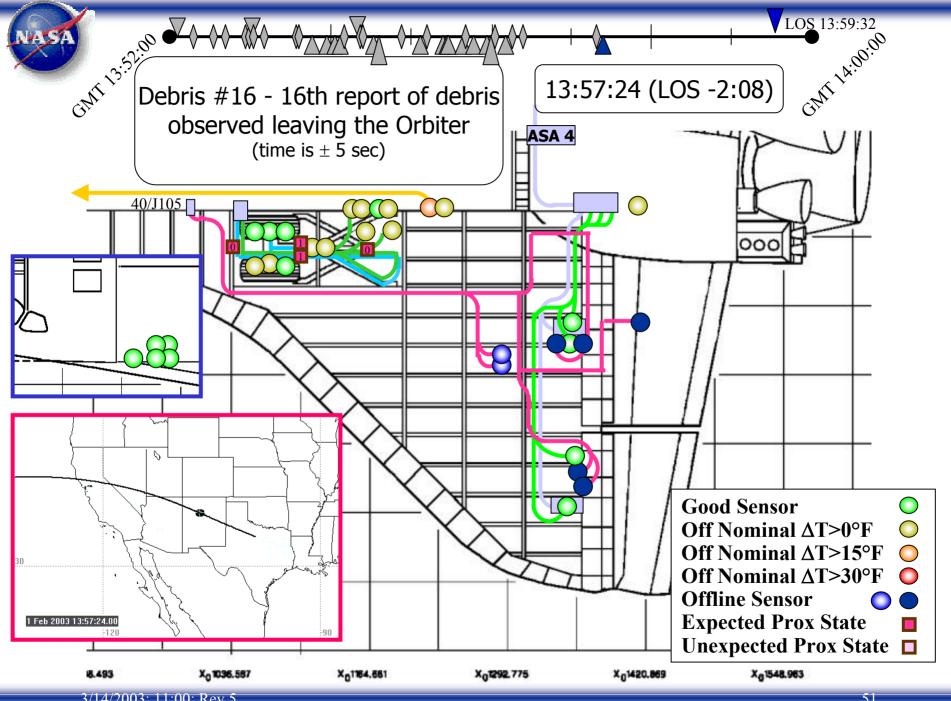


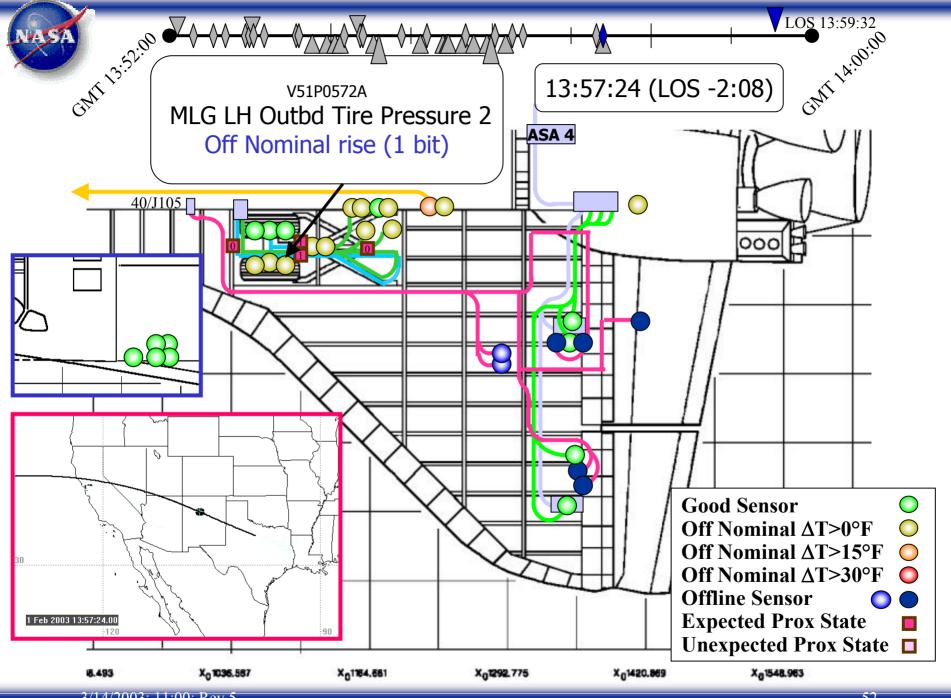


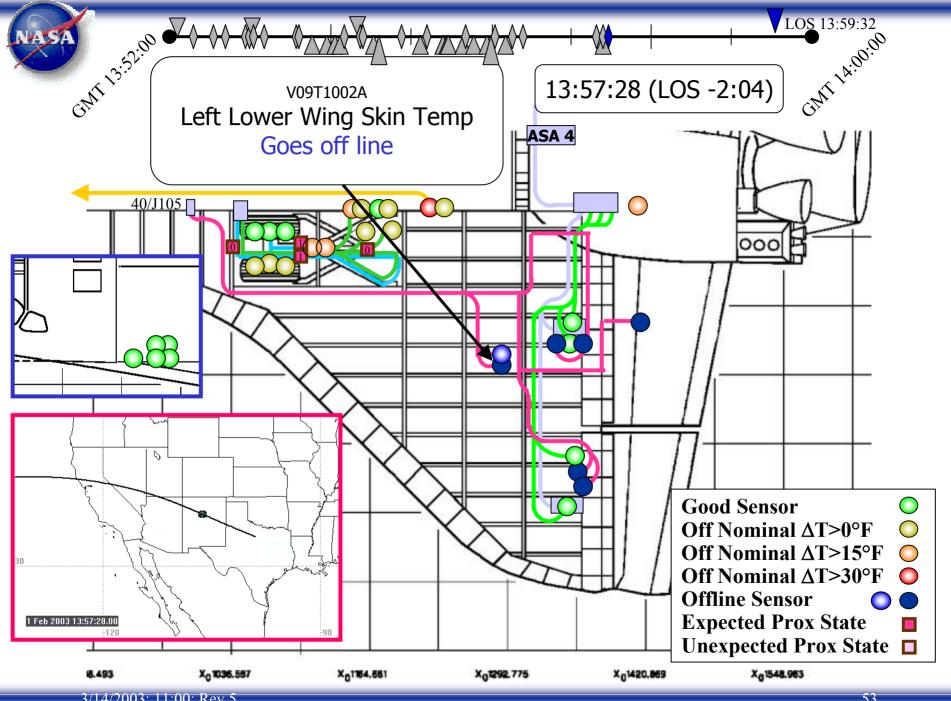


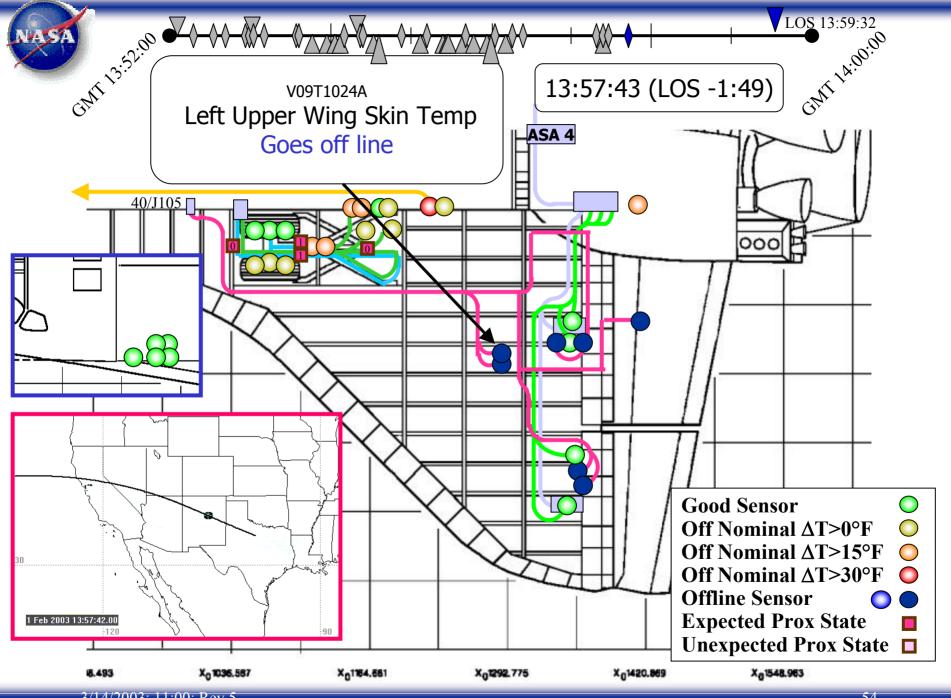


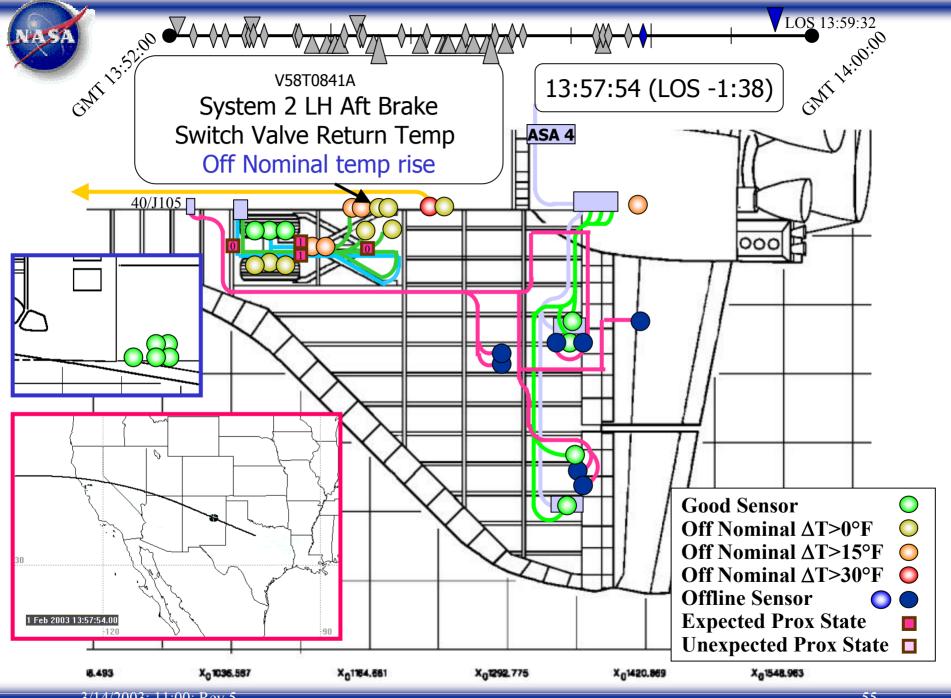


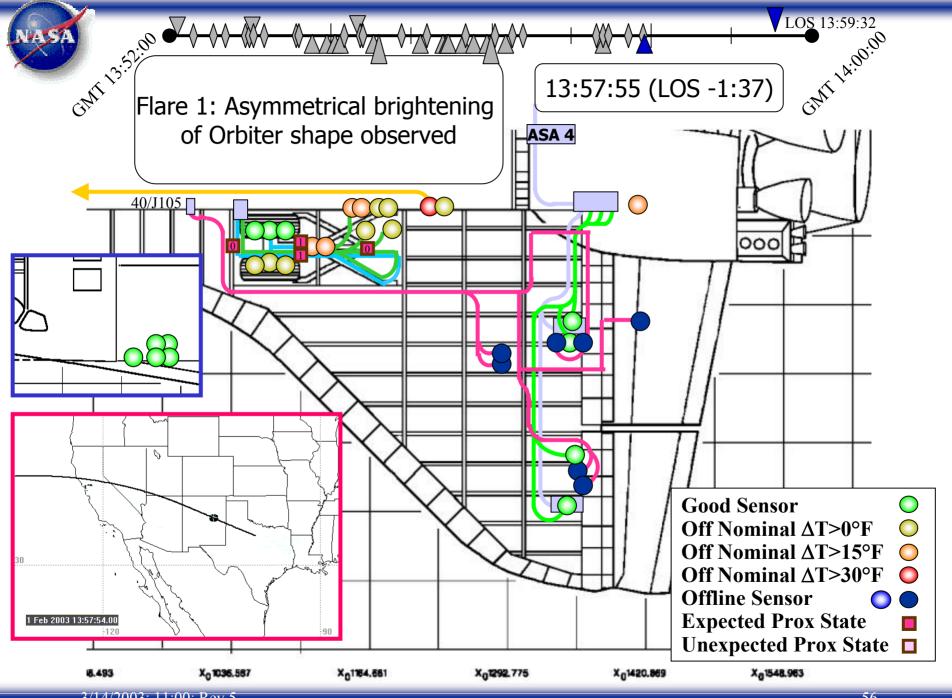


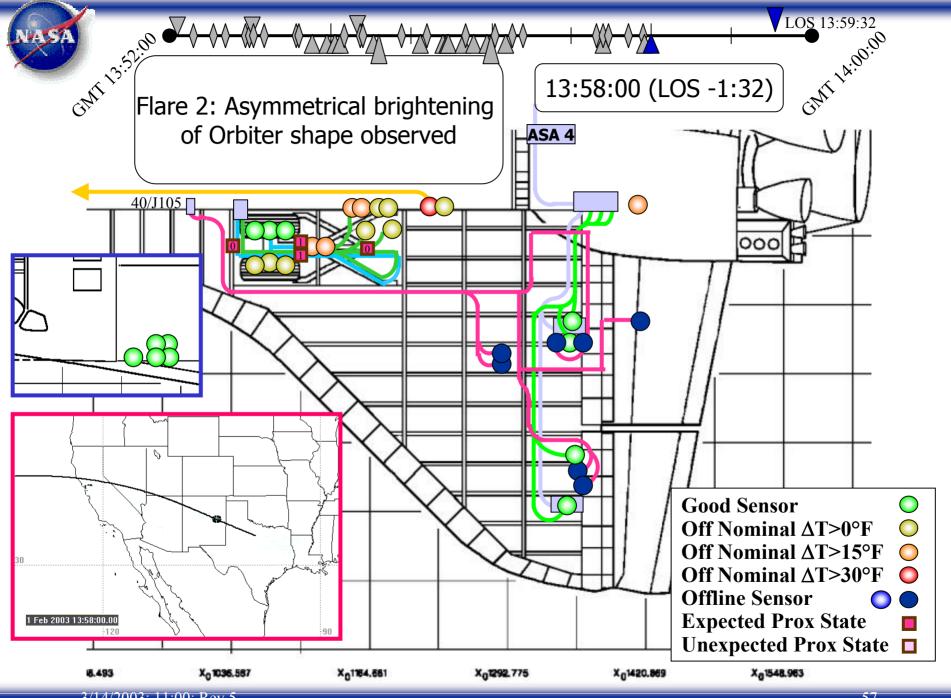


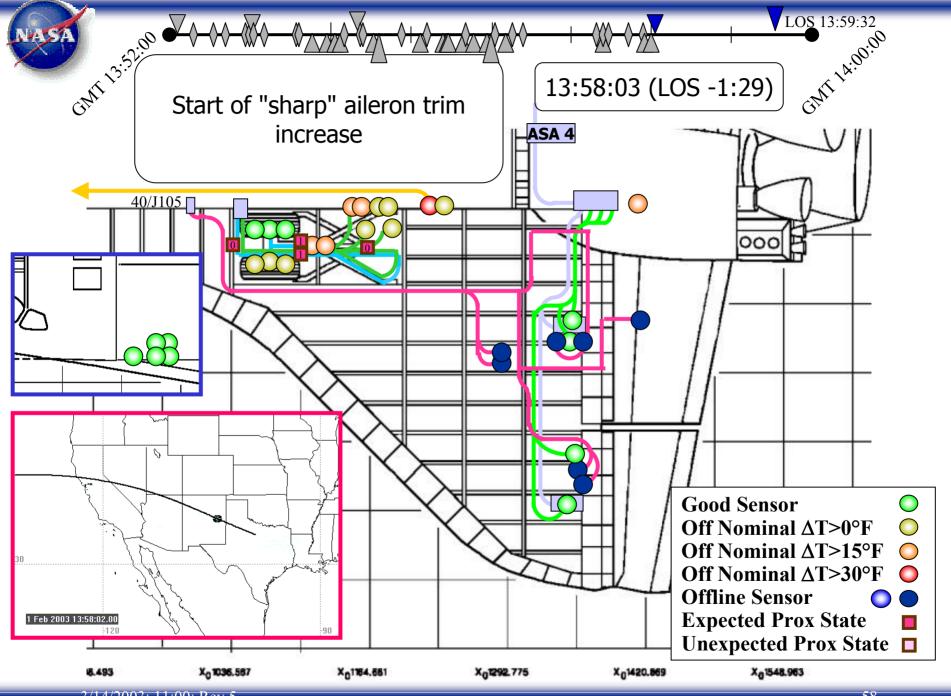


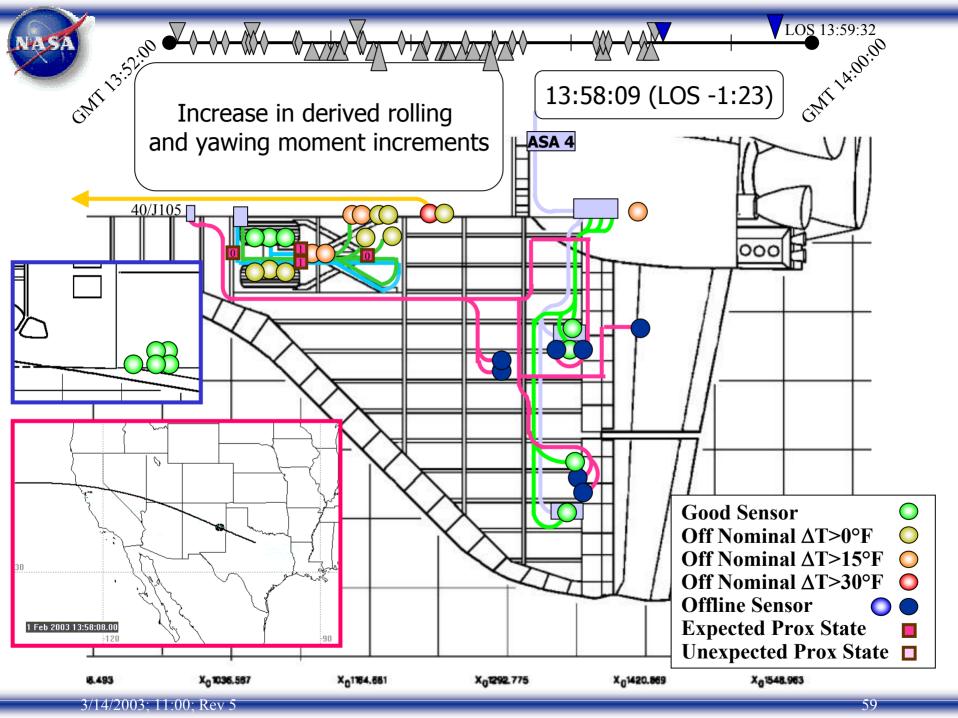


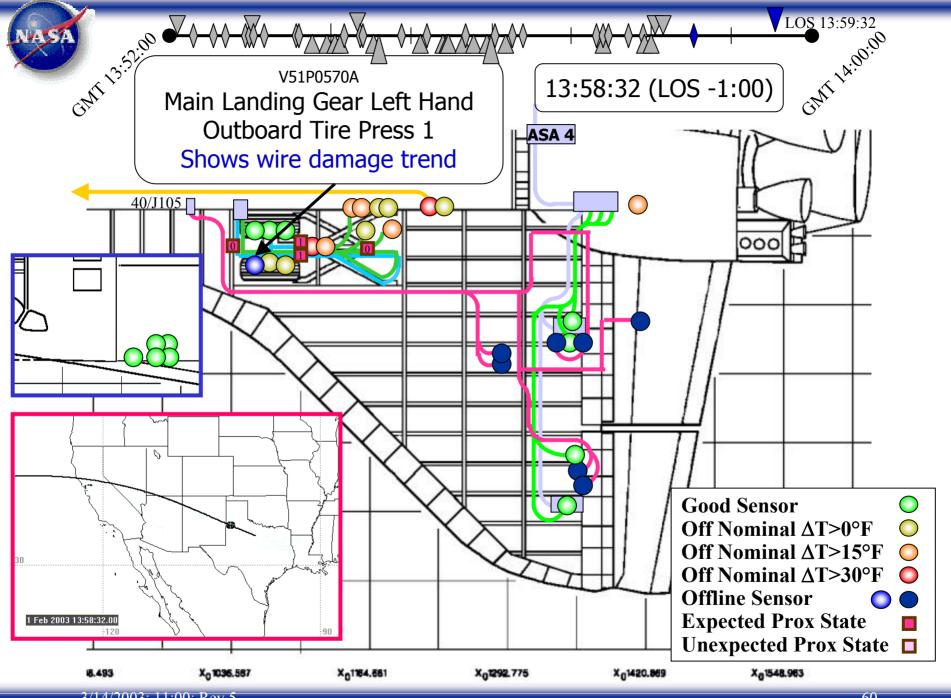


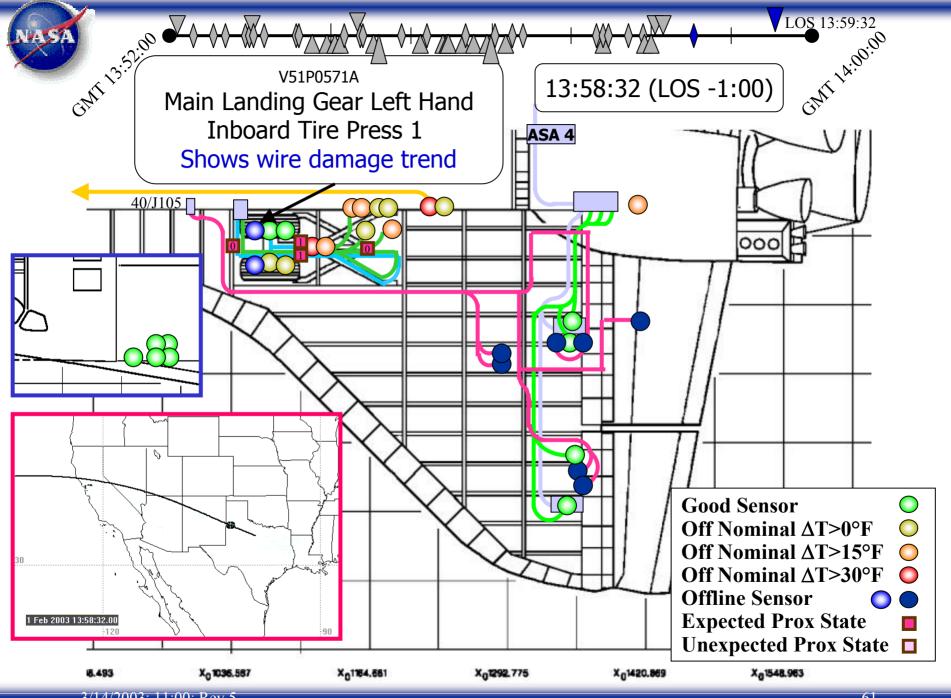


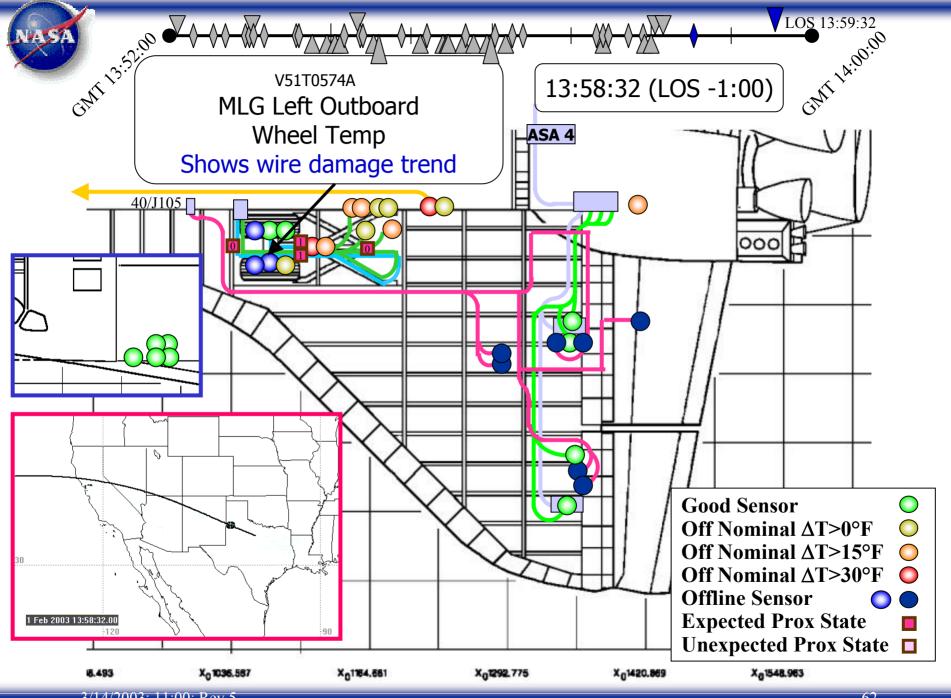


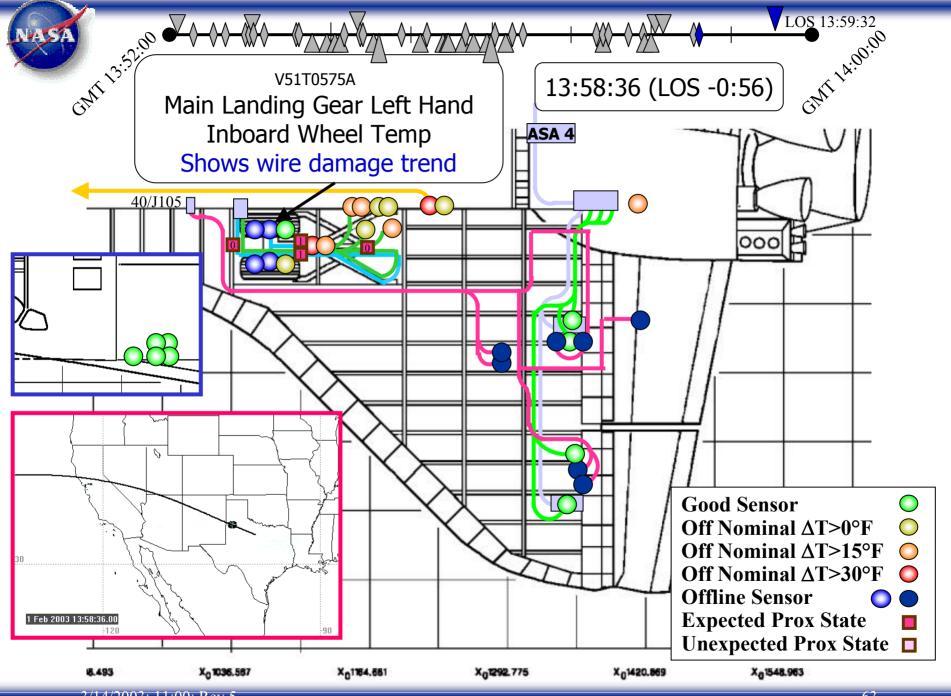


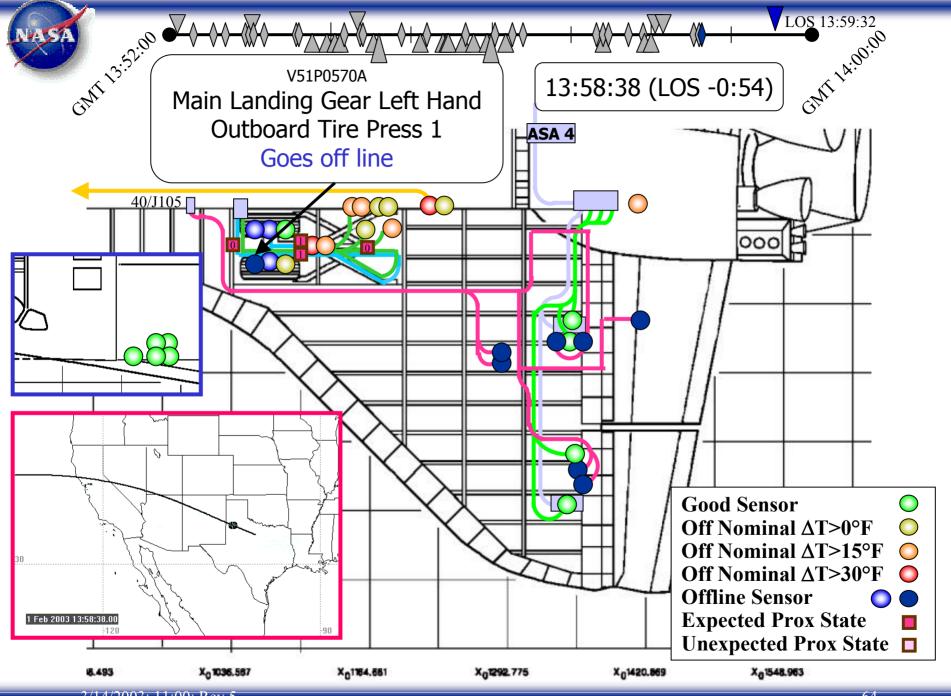


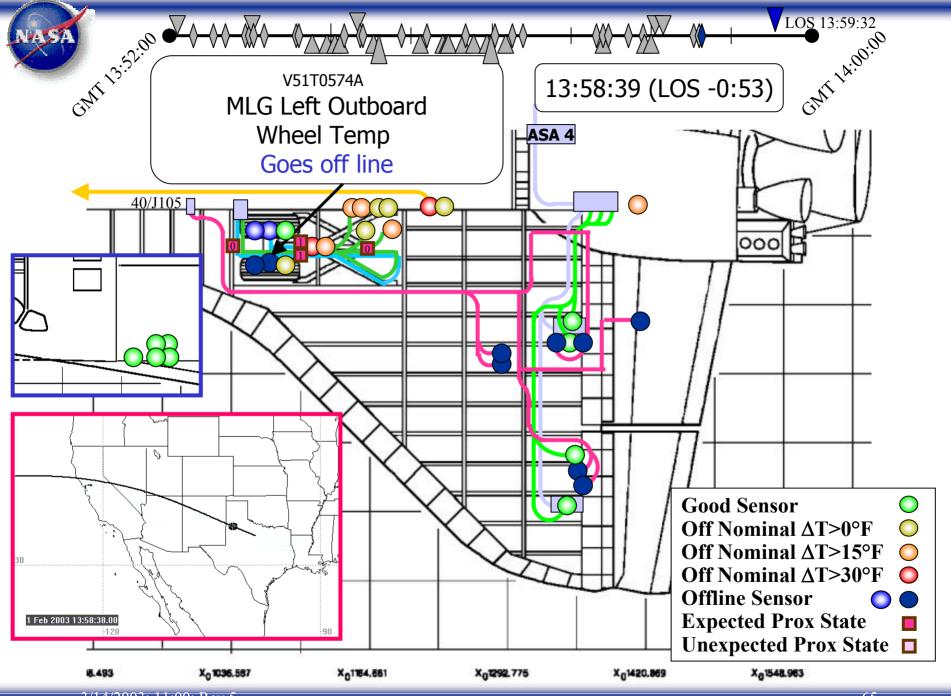


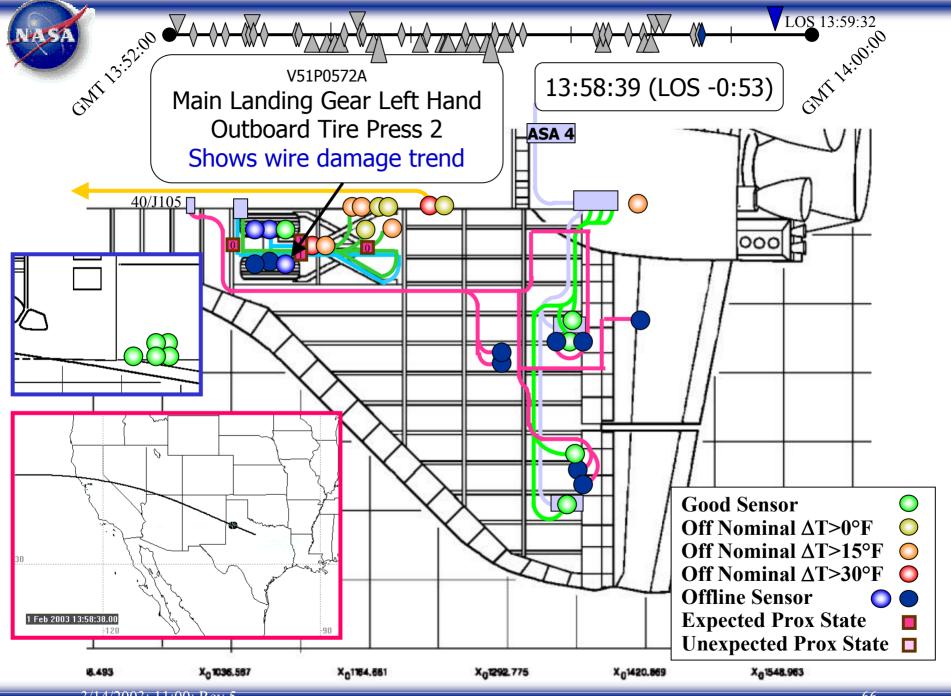


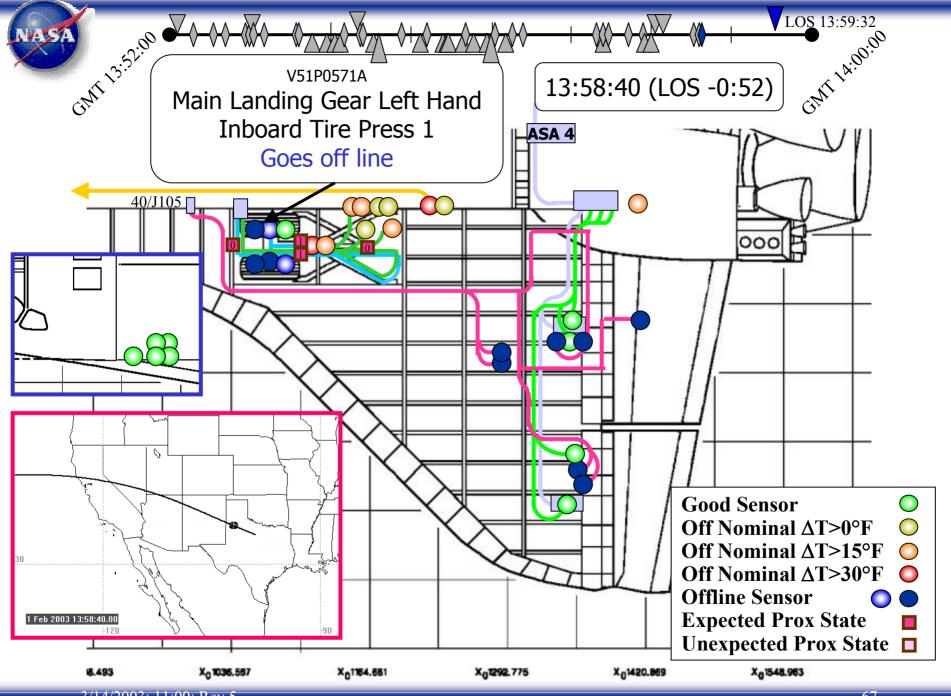


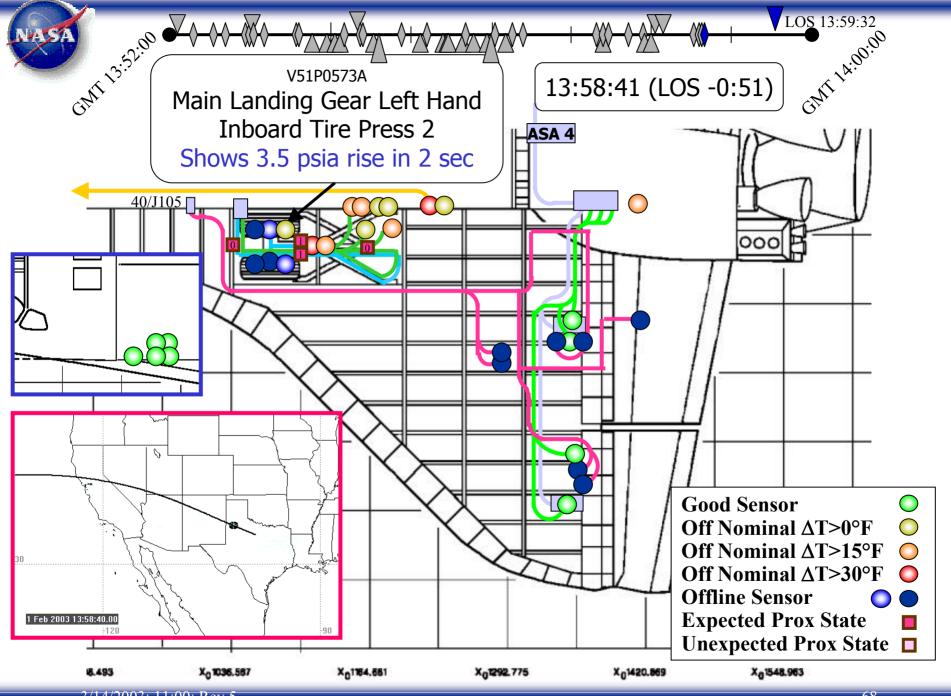


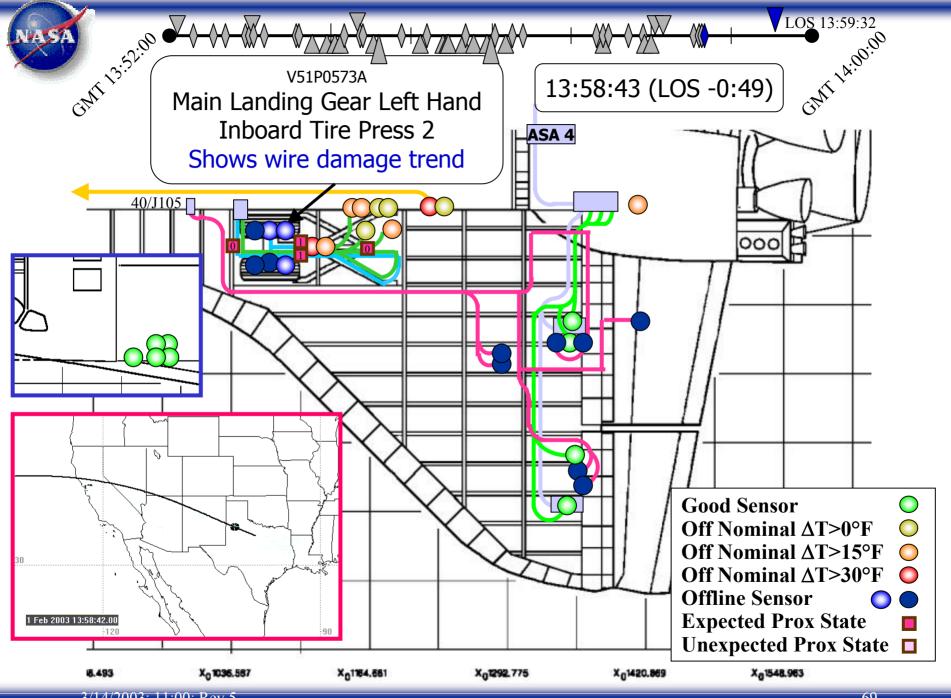


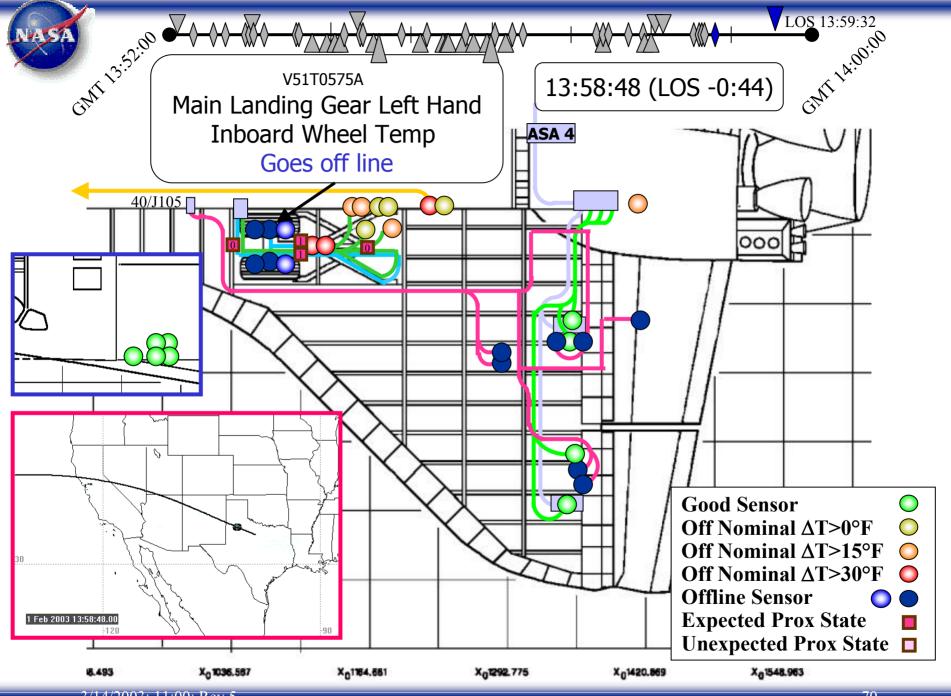


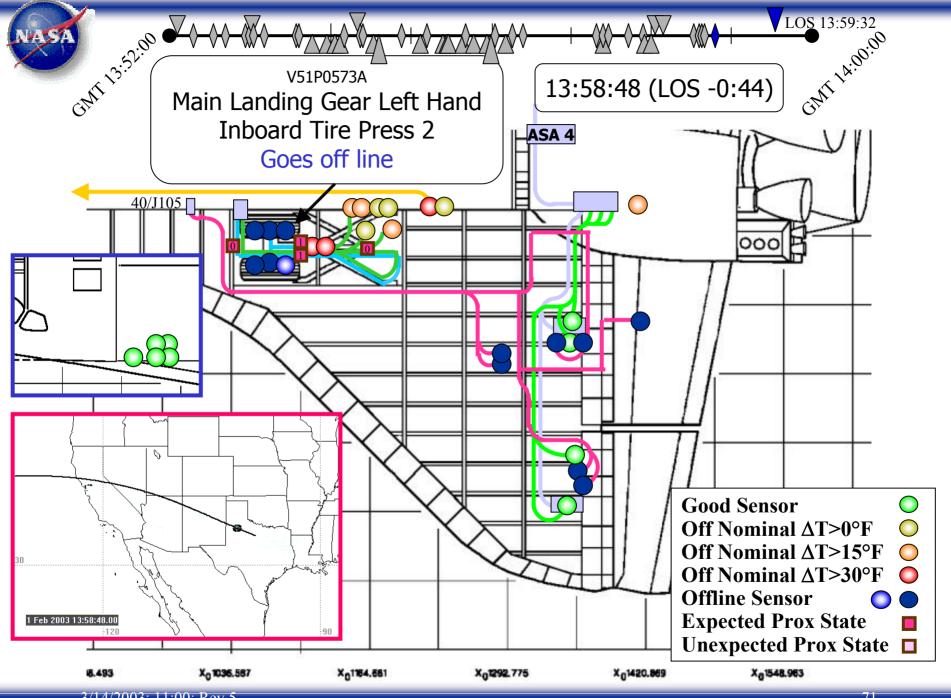


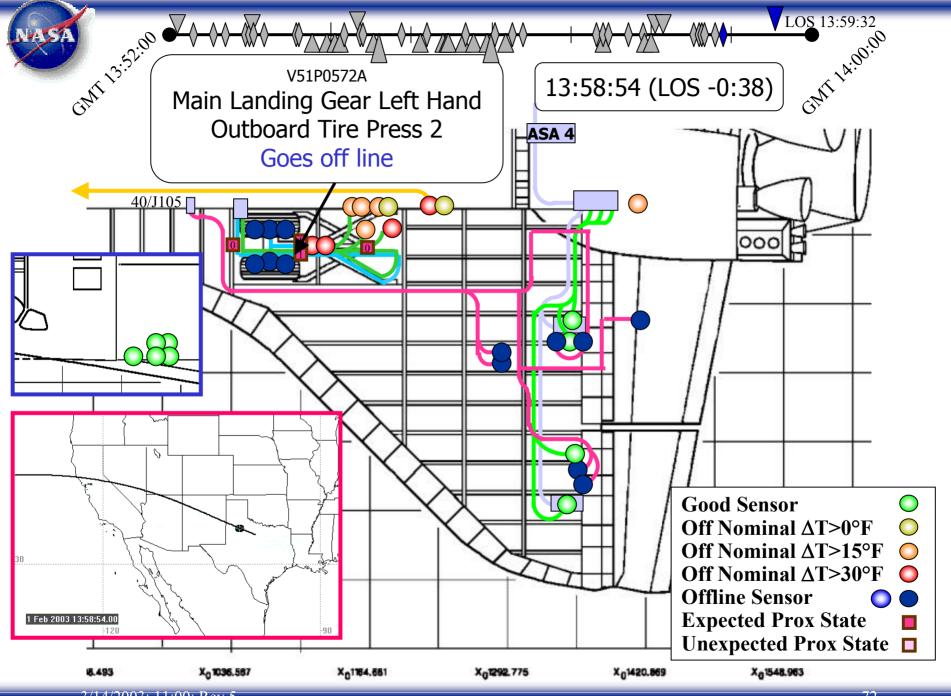


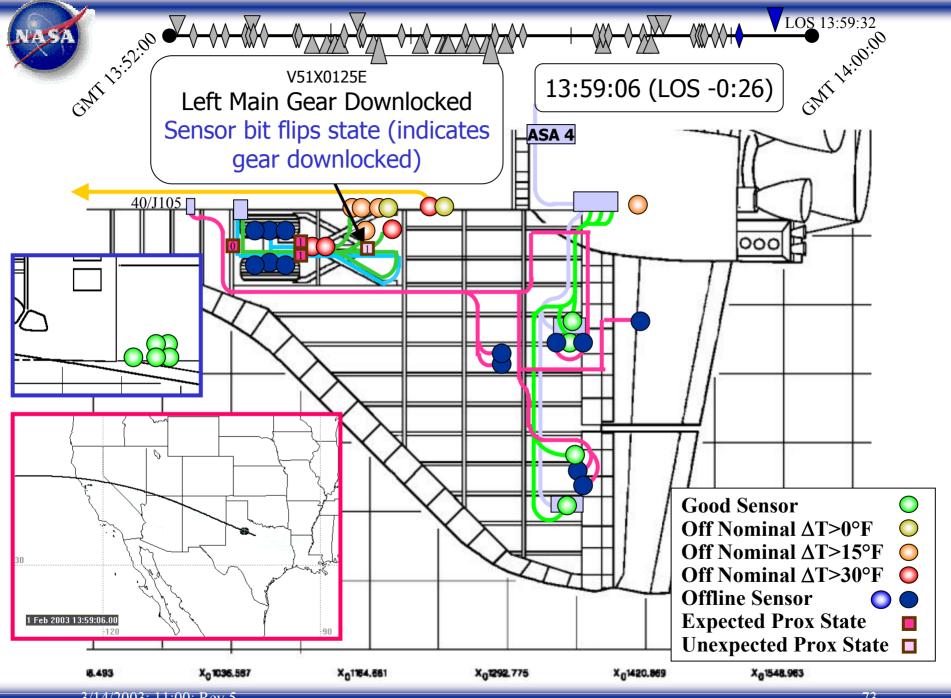


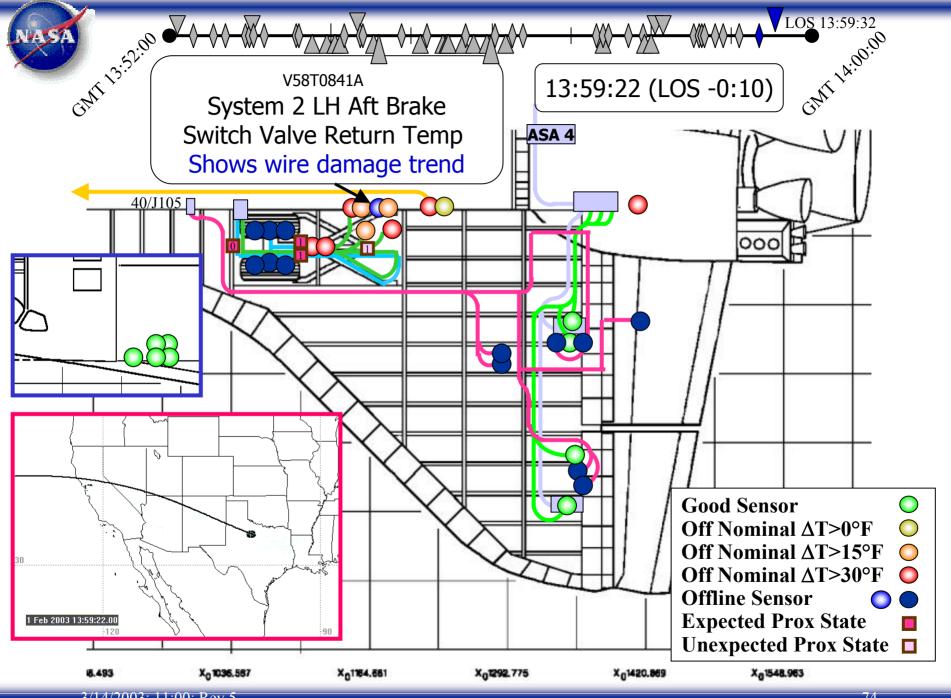


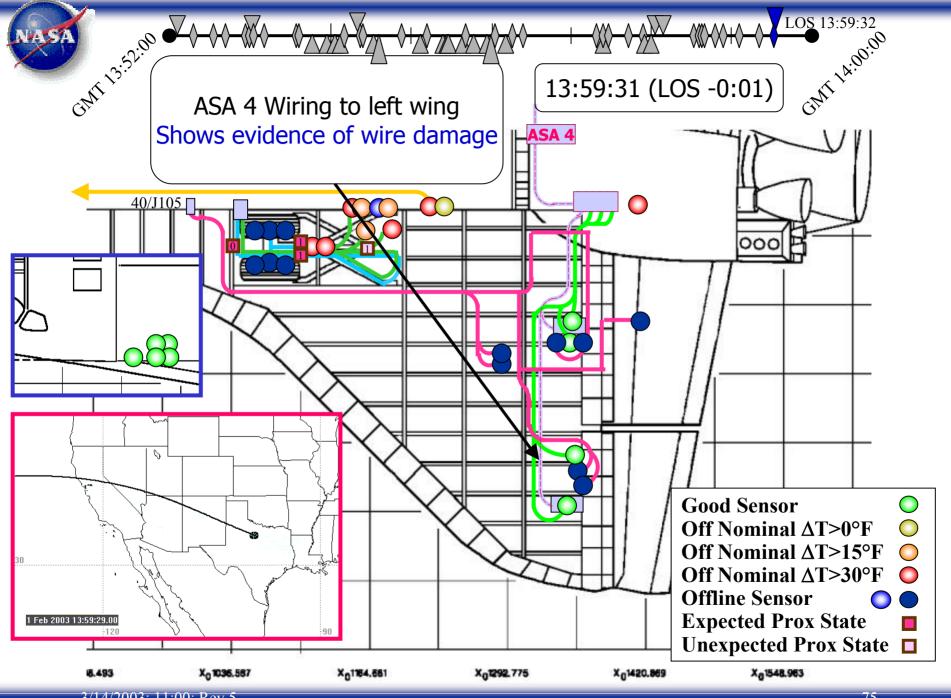


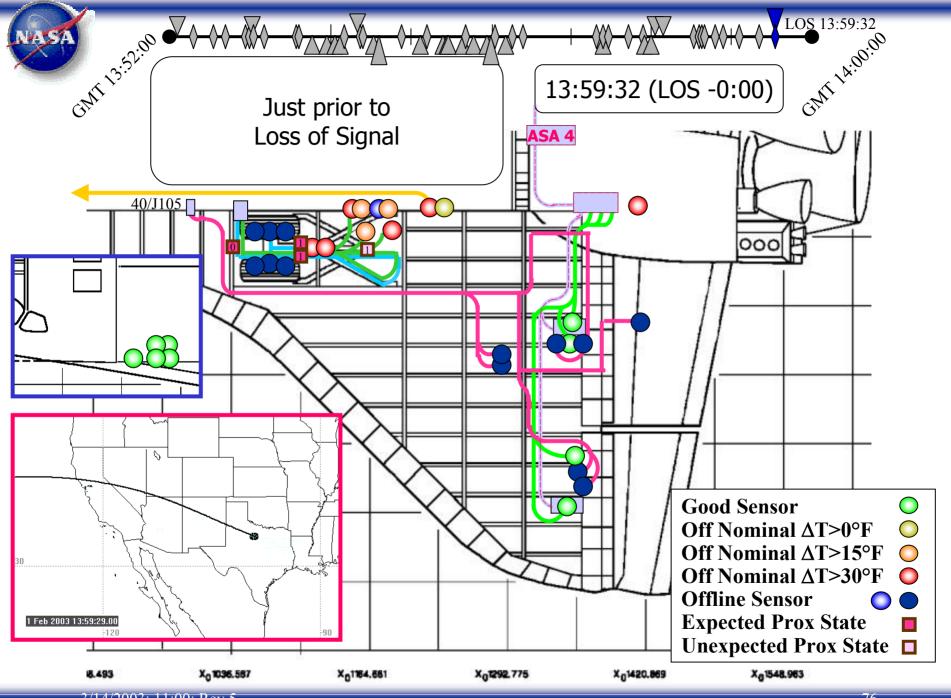














LOS 13:59:32

GMT 14:90:00

Sensor Names and MSIDs (I)

Measurement Nomenclature	MSID	No.	Measurement Nomenclature	MSID
LMG Brake Line Temp D	V58T1703A	20	MLG LH Inbd Wheel Temp	V51T0575A
LMG Brake Line Temp A	V58T1700A	21	MLG LH Inbd Tire Press 2	V51P0573A
LMG Brake Line Temp C	V58T1702A	22	MLG LH Outbd Tire Press 2	V51P0572A
LH Inbd Elev LWR Skin Temp	V09T1006A	23	Hyd Sys 3 LH Inbd Elvn Rtn Ln Temp	V58T0833A
Hyd Sys 3 LOE Rtn Ln T	V58T0394A	24	Hyd Sys 2 LH Otbd Elvn Rtn Ln Temp	V58T0883A
Hyd 1 LH Inbd Elvn Actr Rtn Ln T	V58T0157A	25	Hydr Sys LH Inbd Elvn Actr Temp	V58T0830A
Hyd Sys 1 LOE Rtn Ln T	V58T0193A	26	Hydr Sys LH Outbd Elvn Actr Temp	V58T0880A
Hyd 2 LH Inbd Elvn Actr Rtn Ln T	V58T0257A	27	Mid Fuselage Port (Left) Sill Longeron Temp at x1215	V34T1118A
LMG Brake Line Temp B	V58T1701A	28	LH Aft Fuselage Sidewall Temp at x1410	V09T1724A
M-Fus Lt BL Temp at 1215	V34T1106A	29	Left Main Gear Up	V51X0100X
L Main Gear Strut Actuator Temp	V58T0405A	30	Left Main Gear Door Up	V51X0116X
Hyd Sys 1 LMG Uplk Actr Unlk Ln T	V58T0125A	31	Left Main Gear Down	V51X0125E
Hyd 3 LH Fwd Brake Sw Vlv Rtn Ln T	V58T0842A	32	Left Main Gear No WOW	V51X0130X
LH UPR Wing Skin Temp	V09T1024A	33	Supply H2O dump Nozzle temps A	V62T0440A
LH LWR Wing Skin Temp	V09T1002A	34	Supply H2O dump Nozzle temps B	V62T0439A
Hyd 2 LH Aft Brake Sw VIv Rtn Ln T	V58T0841A	35	Waste H2O dump Nozzle temps A	V62T0520A
MLG LH Outbd Tire Press 1	V51P0570A	36	Waste H2O dump Nozzle temps B	V62T0519A
MLG LH Outbd Wheel Temp	V51T0574A	37	Vacuum vent	V62T0551A
MLG LH Inbd Tire Press 1	V51P0571A			
	LMG Brake Line Temp D LMG Brake Line Temp A LMG Brake Line Temp C LH Inbd Elev LWR Skin Temp Hyd Sys 3 LOE Rtn Ln T Hyd 1 LH Inbd Elvn Actr Rtn Ln T Hyd Sys 1 LOE Rtn Ln T Hyd 2 LH Inbd Elvn Actr Rtn Ln T LMG Brake Line Temp B M-Fus Lt BL Temp at 1215 L Main Gear Strut Actuator Temp Hyd Sys 1 LMG Uplk Actr Unlk Ln T Hyd 3 LH Fwd Brake Sw Vlv Rtn Ln T LH UPR Wing Skin Temp LH LWR Wing Skin Temp Hyd 2 LH Aft Brake Sw Vlv Rtn Ln T MLG LH Outbd Wheel Temp	LMG Brake Line Temp D LMG Brake Line Temp A LMG Brake Line Temp C LMG Brake Line Temp C LH Inbd Elev LWR Skin Temp Hyd Sys 3 LOE Rtn Ln T Hyd 1 LH Inbd Elvn Actr Rtn Ln T Hyd 2 LH Inbd Elvn Actr Rtn Ln T LMG Brake Line Temp B W58T0157A Hyd 2 LH Inbd Elvn Actr Rtn Ln T LMG Brake Line Temp B W58T1701A M-Fus Lt BL Temp at 1215 L Main Gear Strut Actuator Temp Hyd 3 LH Fwd Brake Sw Vlv Rtn Ln T LH UPR Wing Skin Temp W09T1002A Hyd 2 LH Aft Brake Sw Vlv Rtn Ln T V58T0841A MLG LH Outbd Wheel Temp V51T0574A	LMG Brake Line Temp D V58T1703A 20 LMG Brake Line Temp A V58T1700A 21 LMG Brake Line Temp C V58T1702A 22 LH Inbd Elev LWR Skin Temp V09T1006A 23 Hyd Sys 3 LOE Rtn Ln T V58T0394A 24 Hyd 1 LH Inbd Elvn Actr Rtn Ln T V58T0157A 25 Hyd Sys 1 LOE Rtn Ln T V58T0193A 26 Hyd 2 LH Inbd Elvn Actr Rtn Ln T V58T0257A 27 LMG Brake Line Temp B V58T1701A 28 M-Fus Lt BL Temp at 1215 V34T1106A 29 L Main Gear Strut Actuator Temp V58T0405A 30 Hyd Sys 1 LMG Uplk Actr Unlk Ln T V58T0842A 32 LH UPR Wing Skin Temp V09T1024A 33 LH LWR Wing Skin Temp V09T1002A 34 Hyd 2 LH Aft Brake Sw VIv Rtn Ln T V58T0841A 35 MLG LH Outbd Tire Press 1 V51T0574A 37	LMG Brake Line Temp D V58T1703A 20 MLG LH Inbd Wheel Temp LMG Brake Line Temp A V58T1700A 21 MLG LH Inbd Tire Press 2 LMG Brake Line Temp C V58T1702A 22 MLG LH Outbd Tire Press 2 LH Inbd Elev LWR Skin Temp V09T1006A 23 Hyd Sys 3 LH Inbd Elwn Rtn Ln Temp Hyd Sys 3 LOE Rtn Ln T V58T0394A 24 Hyd Sys 2 LH Otbd Elwn Rtn Ln Temp Hyd 1 LH Inbd Elwn Actr Rtn Ln T V58T0157A 25 Hydr Sys LH Inbd Elwn Actr Temp Hyd Sys 1 LOE Rtn Ln T V58T0193A 26 Hydr Sys LH Outbd Elwn Actr Temp Hyd 2 LH Inbd Elwn Actr Rtn Ln T V58T0257A 27 Mid Fuselage Port (Left) Sill Longeron Temp at x1215 LMG Brake Line Temp B V58T1701A 28 LH Aft Fuselage Sidewall Temp at x1410 M-Fus Lt BL Temp at 1215 V34T1106A 29 Left Main Gear Up L Main Gear Strut Actuator Temp V58T045A 30 Left Main Gear Down Hyd Sys 1 LMG Uplk Actr Unlk Ln T V58T0125A 31 Left Main Gear Down Hyd 3 LH Fwd Brake Sw VIv Rtn Ln T V58T0842A 32 Left Main Gear No WOW LH UPR Wing Skin Temp V09T1024A 33 Supply H2O dump Nozzle temps A LH LWR Wing Skin Temp V09T1002A 34 Supply H2O dump Nozzle temps B Hyd 2 LH Aft Brake Sw VIv Rtn Ln T V58T0841A 35 Waste H2O dump Nozzle temps B MLG LH Outbd Wheel Temp V51T0574A 37 Vacuum vent

